

CATALOGUE
OF
AMHERST COLLEGE
1919-1920



AMHERST
MASSACHUSETTS

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CATALOGUE OF AMHERST COLLEGE

FOR THE YEAR
1919-1920



AMHERST MASSACHUSETTS
PUBLISHED BY THE COLLEGE

1919

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COLLEGE CALENDAR

1919

September	10-16, Examinations for Admission	
September	18, Beginning of the College Year 9:00 A.M.	Thursday
October	8, Mountain Day, a holiday	
October	15-17, Porter Prize Entrance Examinations	
November	26-29, Thanksgiving Recess 12:20 P.M. Wed., 8:15 A.M. Sat.	
December	1, Registration of Undergraduates for M.A. Courses	
December	23, Christmas Recess begins	12:20 P.M. Tuesday

1920

January	6, Christmas Recess ends	2:00 P.M. Tuesday
January 29-February 4,	Semester Examinations	

February	6, Second Half-year begins	8:15 A.M. Friday
March	31, Spring Recess begins	12:20 P.M. Wednesday
April	8, Spring Recess ends	2:00 P.M. Thursday
May	31, Memorial Day, a holiday	Monday
June	7-12, Semester Examinations	
June	13-16, Commencement	
June	21-26, Examinations for Admission	

SUMMER VACATION OF FOURTEEN WEEKS

September	15-21, Examinations for Admission	
September	23, Beginning of the College Year 9:00 A.M.	Thursday
October	Mountain Day, a holiday	
October	20-22, Porter Prize Entrance Examinations	
November	24-26, Thanksgiving Recess 12:20 P.M. Wed., 2:00 P.M. Fri.	
December	1, Registration of Undergraduates for M. A. Courses	
December	21, Christmas Recess begins	12:20 P.M. Tuesday

1921

January	4, Christmas Recess ends	2:00 P.M. Tuesday
February	3-9, Semester Examinations	

February	11, Second Half-year begins	8:15 A.M. Friday
March	30, Spring Recess begins	12:20 P.M. Wednesday
April	7, Spring Recess ends	2:00 P.M. Thursday
May	30, Memorial Day, a holiday	Monday
June	13-18, Semester Examinations	
June	19-22, Commencement	

SUMMER VACATION OF THIRTEEN WEEKS

September	14-20, Examinations for Admission	
September	22, Beginning of the College Year 9-00 A.M.	Thursday

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HISTORICAL NOTE

Amherst College bears the name not of an individual founder or promoter, nor of a religious denomination or dogma, but of the town in which it is located. The fact is significant. From its early years Amherst was the home of liberal-minded men who desired for their children better educational advantages than could be afforded by the old-time district schools. Through the plodding decades succeeding the close of the Revolution, however, this desire had to remain unrealized, until in 1812 the people of the town, among whom was a goodly number of college graduates, took steps to found a school of higher education, the Amherst Academy, a school of much distinction and usefulness in its day, which received its charter in 1816, the same year in which the earlier founded Hopkins Academy in Hadley was incorporated. From Amherst Academy, dedicated to the promotion of "morality, piety, and religion," and to "the instruction of youth in the learned languages," came in quite limited process of time Amherst College, whose immediate object, as expressed by Noah Webster at the laying of the corner-stone, was "that of educating for the gospel ministry young men in indigent circumstances, but of hopeful piety and promising talents." The address from which these words are quoted was delivered August 9, 1820. From this date the erection of the first building, the present South College, proceeded apace, aided by heartily given contributions of money, labor, and materials, both from Amherst and several surrounding towns; so that on September 18, 1821, the building completed, exercises of dedication and inauguration were held in the church building of the First Parish, now College Hall, and Amherst College, with a president, two professors, and forty-seven

students, was on the following day opened for its growing and honorable service to the community, the commonwealth, and the world. From the beginning its ideals have been of the highest, tolerating no limitations. "I should be wholly averse," wrote the first President in his letter of acceptance, "to becoming united with any institution which proposes to give a classical education inferior to that given in any of the colleges in New England."

After two adverse votes in the Legislature the College finally secured a charter from the Commonwealth, the date of its approval being February 21, 1825. A number of students in the intervening classes, being compelled to graduate without a degree, received their degrees from Union College, on suitable certificates from Amherst. Of the charter just mentioned a few words are all that the present sketch permits, or that are pertinent to present conditions. As to the Board of Trustees, it was "provided, . . . that the number of members (including the president of said college for the time being, who shall *ex officio* be one of said corporation) shall never be greater than seventeen"; and as to keeping that number good, it was in the same section "provided, further, that as vacancies shall occur in said Board, they shall be so filled that the said Board shall as soon as may be, and forever after, consist of seven clergymen and ten laymen." To legislate for so long ahead, however, is hazardous. "Forever after" is a good while. It does not take account of changes in conditions and in the spirit of the times. And such changes came, radical and far-reaching, long before the forever was well under way. Accordingly, in 1916, when it was felt that the large proportion of clergymen to laymen no longer adequately represented the alumni body, this stipulation of having seven clergymen on the Board was repealed.

The first five vacancies that occurred in the Board were

filled by vote of the Legislature; but when, fifty years after the founding of the college, the number of alumni had become sufficient to warrant it, the alumni were empowered to choose five members of the Board, electing one each year as their terms of service expired. Regarding instructors and students, it was enacted (Section 6), "That no instructor in said college shall ever be required by the trustees to profess any particular religious opinions as a test of office; and no student shall be refused admission to or denied any of the privileges, honors or degrees of said college on account of the religious opinions he may entertain."

The charter contains a curious section (Section 7), which is here mentioned for its historic and perhaps we may say providential interest. "And be it further enacted," the passage naively runs, "That if it shall hereafter appear to the Legislature of this Commonwealth lawful and expedient to remove Williams College to the town of Amherst, and the President and Trustees of Williams College shall agree so to do, the Legislature shall have full power to unite Williams and Amherst Colleges into one university at Amherst, on such terms and conditions and under such government as shall be agreed upon by the majority of a board of seven commissioners, of whom," etc. This enactment was made, it will be noted, four years after the first President of Amherst had resigned the presidency of Williams in order to come to this, as he deemed, more suitable town for a college, and brought with him fifteen students from Williamstown. The question of this transfer to Amherst was for some years a quite acute one, not agitated by the people of Amherst but by the ministers and others in the towns of western Massachusetts, and discussed, so far as can be ascertained, without any acrimony between the colleges. The providential interest intimated above lies in the fact that the union of the colleges was not

effected. Both colleges, we may be sure, are the better for it.

The general government of the college is vested in the Board of Trustees. Its immediate direction is vested in the Faculty, who are empowered by the Trustees to determine the topics and order and method of study, and to make such rules as may be deemed necessary for the best regulation of the College.

The corporate name of the institution is "The Trustees of Amherst College."

We append here a list of the Presidents, with a few items of their lives and services.

The first president, Rev. Zephaniah Swift Moore, D.D., was born in Palmer, November 20, 1770; was graduated 1793 at Dartmouth College; at the time of his call to Amherst was President of Williams College, which office he resigned as stated above; was President, 1821 to 1823.

The second President, Rev. Heman Humphrey, D.D., was born in West Simsbury, Conn., March 26, 1779; was graduated from Yale College, 1805; was called to the presidency of Amherst from a pastorate in Pittsfield; was President, 1823 to 1845.

The third President, Rev. Edward Hitchcock, D.D., LL.D., was born in Deerfield, May 24, 1793; was a special student of theology and science at Yale College, 1826, from which institution he had already received the honorary degree of A.M. in 1818; was elected from the faculty to the presidency of Amherst; was President, 1845 to 1854.

The fourth President, Rev. William Augustus Stearns, D.D., LL.D., was born in Bedford, Mass., March 17, 1805; was educated at Harvard and at Andover, and was ordained in the Congregational Church, 1831; was President and Pastor of the College Church, 1854 to 1876.

The fifth President, Rev. Julius Hawley Seelye, D.D.,

LL.D., was born in Bethel, Conn., September 14, 1824; was graduated from Amherst College, 1849, and from Auburn Theological Seminary, 1852; was Professor of Mental and Moral Philosophy at Amherst, 1858 to 1874; was elected to Congress, 1874; was President and Pastor of the College Church, 1876 to 1890.

The sixth President, Merrill Edwards Gates, Ph.D., LL.D., L.H.D., was born in Warsaw, N. Y., April 6, 1848; was graduated from the University of Rochester, 1870; was called to Amherst from the presidency of Rutgers College, 1890; was President of Amherst College, 1890 to 1899.

The seventh President, Rev. George Harris, D.D., LL.D., was born in East Machias, Me., April 1, 1844; was graduated from Amherst College, 1866, and from Andover Theological Seminary, 1869; was called to Amherst from Andover, where he was Professor of Christian Theology, 1899; was President, 1899 to 1912.

The eighth President, now in office, Alexander Meiklejohn, Ph.D., LL.D., was born in Rochdale, England, February 3, 1872; was graduated from Brown University, 1893, and from Cornell University (Ph.D.), 1897; was called to Amherst from Brown University, where he was Dean and Professor of Logic and Metaphysics, 1912; since 1912 President and Professor of Logic and Metaphysics.

J. F. G.

THE FUNCTION OF THE LIBERAL COLLEGE

[Extract from an address delivered by President Meiklejohn at the exercises in celebration of the founding of Allegheny College, June, 1915.]

In the old colonial community, the clergyman, as in lesser degree the lawyer and the teacher, was the man of ideas. He was no mere teacher of the gospel and tender of the parish. While his people lived their lives it was his task to reflect upon their living, to formulate the beliefs on which it was based, to study the conditions by which it was molded, to bring to clearness the problems by which it was faced, to study the moral, social, economic, political situations of which it was constituted. It was his part and the part of men of like intellectual development to attempt to understand the lives which other men were living with lesser degrees of understanding. It was his task to serve as prophet and seer, as guide and counselor of his people.

It was for this task that the liberal college intended to prepare him. And in these latter days, as the scope of education has been extended more broadly, the same liberal education has been given to great numbers of our young men, whatever the professions they are planning to enter. At the present time a very small percentage of our college graduates become ministers; more than half them enter into some form of business occupation. But whether they are to be in business or in the ministry, the same education must be given them, since the new community has the same need as had the old of understanding itself, of stating itself in terms of ideas.

This fundamental belief of liberal education can be stated in terms of two principles. The first is shared by both liberal and technical teaching. The second applies to liberal education alone. The principles are these: (1) that activity guided by ideas is on the whole more successful than

the same activity without the control of ideas, and (2) that in the activities common to all men the guidance by ideas is quite as essential as in the case of those which different groups of men carry on in differentiation from one another.

The first principle applies to all higher education. We recognize that human deeds may be done in either of two ways—first, by habit, by custom, by tradition, by rule of thumb, just as they always have been done; or, on the other hand, under the guidance of study, of investigation, of ideas and principles by which men attempt to discover and to formulate knowledge as to how these activities can *best* be done. Now all higher education, liberal or professional, rests on the belief that on the whole an activity which is understood will be more successful than one which is not understood. Knowledge pays; intelligence is power.

The liberal school and the professional are, however, separated by their choice of the activities which each shall study. Every professional school selects some one special group of activities carried on by the members of one special trade or occupation and brings to the furtherance of these the full light of intellectual understanding and guidance. The liberal school, on the other hand, takes as its content those activities which all men carry on, those deeds which a man must do in virtue of the fact that he is a man; and within this field it seeks to achieve the same enlightenment and insight. The liberal college would learn and teach what can be known about a man's moral experience, our common speech, our social relations, our political institutions, our religious aspirations and beliefs, the world of nature which surrounds and molds us, our intellectual and aesthetic strivings and yearnings—all these, the human things that all men share, the liberal school attempts to understand, believing that if they are understood, men can live them better than they would live them by mere tradi-

tion and blind custom. But one of the terrible things about our generation is that the principle which it accepts so eagerly in the field of the vocations it refuses and shuns in the deeper things of human living. I have known fathers planning for the training of a son, who would see to it that in the preparation for his trade every bit of knowledge he can have is supplied him. If the boy is to be a dyer of cloth, then he must study the sciences that understand that process. All that can be known about the nature of fabrics, the constitution of dyestuffs, the processes of application and development of the dye—not one bit of all this may be lacking from the teaching of the boy. To put him into the shop without that knowledge, to let him learn by imitation, pick up the rule of thumb, follow the ways of master workmen of the trade—to do that would be to make him only a workman, one who can do what has been done, can do what he is told to do. But the father is not content with this. His boy must understand and know the trade so that he may be the leader and the guide, may give the orders rather than obey them. But how often the same father is unwilling that his boy attempt to understand his own religion, his own morals, his own society, his own politics! In these fields, surely the father's opinions are good enough! Keep the boy's mind at rest regarding his religion and his economics; what has been believed before had better still be believed! It may be bad for business, may interfere with a boy's success if he becomes too much interested in the fundamental things of life! And so such parents invite us to leave the universal things, the things most sacred and significant, to blindness, to the mere drift of custom, to tradition, and rule of thumb. And here it is that the liberal college again asserts its loyalty to the men who founded the older institutions. Those men had intellectual faith; they believed that it is worth while to know the life of man, and

so they studied it and taught it to their pupils. I know that I speak for the teachers and the administrators of the liberal college here represented today when I pledge anew our loyalty to the men in whose footsteps we follow. So far as we can bring it about the young people of our generation shall know themselves, shall know their fellows, shall think their way into the common life of their people, and by their thought shall illumine and direct it. If we are not pledged to that, then we have deserted the old standard; we are apostates from the faith. But I think that a good many of us are still loyal. We welcome every new extension of vocational instruction. We know that every man should have some special task to do and should be trained to do that task as well as it can possibly be done. The more the special trades and occupations are guided and directed by skill and knowledge the more will human life succeed in doing the things it plans to do. But by the same principle we pledge ourselves to the study of the universal things in human life, the things that make us men as well as ministers and tradesmen. We pledge ourselves forever to the study of human living in order that living may be better done. We have not yet forgotten that fundamentally the proper study of mankind is Man.

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BENJAMIN KENDALL EMERSON, PH.D., LL.D. Leonia, N. J.
Hitchcock Professor Emeritus of Mineralogy and Geology

JOHN MASON TYLER, PH.D. 8 Tyler Place
Rufus Tyler Lincoln Professor Emeritus of Biology

ARTHUR LALANNE KIMBALL, PH.D. 25 Woodside Ave.
Rufus Tyler Lincoln Professor of Physics

GEORGE DANIEL OLDS, LL.D. 3 Orchard St.
Walker Professor of Mathematics, and Dean of the College

†DAVID TODD, PH.D. Amherst, Mass.
Professor of Astronomy† and Navigation, and Director of the Observatory

WILLIAM LYMAN COWLES, M.A. 20 Northampton Road
Moore Professor of the Latin Language and Literature

HARRY DE FOREST SMITH, M.A. 5 College St.
John C. Newton Professor of Greek

THOMAS CUSHING ESTY, M.A. 40 Dana St.
Professor of Mathematics, and Secretary of the Faculty

GEORGE BOSWORTH CHURCHILL, PH.D. 25 Spring St.
Williston Professor of English Literature

WILLIAM PINGRY BIGELOW, M.A. 2 Orchard St.
Professor of Music

ARTHUR JOHN HOPKINS, PH.D. 84 South Pleasant St.
Professor of Chemistry

* Arranged in the order of appointment to present rank.

† Absent on leave.

‡ On the Sidney Dillon Fund Endowment.

JAMES WALTER CROOK, PH.D. <i>Professor of Economics</i>	1 College Ave.
FREDERIC BREWSTER LOOMIS, PH.D. <i>Hitchcock Professor of Mineralogy and Geology</i>	8 Orchard St.
*PAUL CHRYSOSTOM PHILLIPS, M.D. <i>Parmly Billings Professor of Hygiene and Physical Education</i>	21 Lincoln Ave.
CLARENCE WILLIS EASTMAN, PH.D. <i>Professor of the German Language and Literature</i>	18 Northampton Road
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FREDERIC LINCOLN THOMPSON, M.A. <i>Winkley Professor of History and Acting Secretary of the Committee on Student Activities.</i>	63 South Pleasant St.
ROBERT STILLMAN FLETCHER, B.A. <i>Otis Librarian</i>	18 Sunset Ave.
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RAYMOND GARFIELD GETTELL, M.A. <i>Professor of Political Science</i>	25 College St.
*STARK YOUNG, M.A. <i>Professor of English Literature</i>	Amherst, Mass.
WALTER W. STEWART, M.A. <i>Professor of Economics</i>	8 Dana St.
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ALBERT PARKER FITCH, D.D. <i>Professor of the History of Religion and Biblical Literature</i>	South Common
OTTO CHARLES GLASER, PH.D. <i>Stone Professor of Biology</i>	69 South Pleasant St.
JOSEPH OSGOOD THOMPSON, PH.D. <i>Professor of Physics</i>	45 Lincoln Ave.
HERBERT PERCIVAL GALLINGER, PH.D. <i>Professor of History</i>	31 Northampton Road

* Absent on leave.

- OTTO MANTHEY-ZORN, PH.D. 30 Dana St.
Professor of German
- *WILLIAM AVERILL STOWELL, PH.D. 13 Lincoln Ave.
Professor of Romance Languages
- CHARLES ERNEST BENNETT, PH.D. 6 Snell St.
Professor of Latin
- HORATIO ELWIN SMITH, PH.D. 12 College St.
Professor of the French Language and Literature
- †ALBERT SCHINZ, PH.D. Northampton, Mass.
Professor ad interim of the French Language and Literature
- ALEXANDER ANDERSON MACKIMMIE, M.A. North Amherst
Professor ad interim of Spanish
- JOHN MARTYN WARBEKE, PH.D. Taylor Place, South Hadley
Professor ad interim of Philosophy
- ‡ERNEST BARKER, M.A.
Professor ad interim of History and Political Science
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- *JOHN CORSA, M.A. Amherst, Mass.
Associate Professor of Public Speaking
- ARTHUR HENRY BAXTER, PH.D. Bank Block
Associate Professor of Romance Languages
- RICHARD FRANCIS NELLIGAN 11 Sunset Ave.
Associate Professor of Hygiene and Physical Education
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- *ALFRED SHEPARD GOODALE, B.A. 41 Wendell St., Cambridge
Associate Professor of Botany
- CHARLES WIGGINS COBB, PH.D. 75 South Pleasant St.
Associate Professor of Mathematics
- GEORGE FRISBIE WHICHER, PH.D. 46 Amity St.
Associate Professor of English
- HENRY WHEATLAND LITCHFIELD, PH.D. 3 Northampton Road
Associate Professor of Latin

* Absent on leave.

† For the first semester.

‡ For the winter term.

§ For the spring term.

ALLISON WILSON MARSH, B.A.	3 Woodside Ave.
<i>Associate Professor of Hygiene and Physical Education</i>	
HAROLD HENRY PLOUGH, PH.D.	5 Kendrick Place
<i>Associate Professor of Biology</i>	
GEORGE SCATCHARD, PH.D.	3 Woodside Ave.
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*CLARENCE EDWIN AYRES, PH.D.	33 Northampton Road
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OSMOND T. ROBERT, B.ÈS L.	Northampton, Mass.
<i>Associate Professor ad interim of the French Language and Literature.</i>	
WALTER RAYMOND AGARD, B.A.	8 North Prospect St.
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FRED EVERETT GLASS, B.A.	4 Dana St.
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HARRIET OAKES ROGERS, B.S.	21 Main St.
<i>Curator in the Chemistry Laboratory</i>	

* For the autumn term.

FACULTY

25

THEODORE LEWIS WIDMAYER, JR., B.S.

15 Amity St.

Assistant in Physical Education

REGINALD DICKINSON MANWELL, B.A.

112 Morris Pratt Memorial Dormitory

Assistant in Biology

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DEGREES

BACHELOR OF ARTS

The Degree of Bachelor of Arts is conferred upon students of Amherst College who have satisfactorily met the requirements prescribed for that degree. The plan of studies leading to the Degree of Bachelor of Arts is arranged on the basis of a four years' course to be pursued by students in residence at the college.

Plans are offered, however, which enable candidates for the degree to complete the course of study in less than four years either wholly at Amherst or in part at other colleges. (See page 65.)

Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship.

Summa cum laude rank is fixed at ninety-three per cent, *magna cum laude* at eighty-eight per cent, and *cum laude* at eighty per cent.

A detailed statement of the curriculum will be found on page 66.

COURSE WITHOUT DEGREE

Students who desire to pursue a course of study varying from the regular curriculum are occasionally admitted to Amherst College as special students, not candidates for a degree. Rules relating to special students will be found on page 67.

MASTER OF ARTS

The Degree of Master of Arts is conferred upon Bachelors of Amherst College and of other colleges that confer the Bachelor's degree under conditions equivalent to those at Amherst College, who, having spent one year in residence

at Amherst, have satisfactorily met the requirements prescribed for that degree.

For a detailed statement of these requirements see page 68.

Undergraduates of Amherst College who complete the work for the Bachelor's degree at the end of the first semester of Senior year may apply the remainder of the year to studies leading to the Master's degree.

ADMISSION

All correspondence concerning admission should be addressed to the Secretary of the Faculty.

All candidates for admission to College must present satisfactory testimonials of good character.

The subjects which may be presented in satisfaction of the requirements for admission to the Freshman Class, together with the number of points at which each is valued, are given in the following list. The basis of valuation is one point for a course pursued five hours per week for a school year.

<i>Subject</i>	<i>Rating</i>	<i>Subject</i>	<i>Rating</i>
Biology	$\frac{1}{2}$ or 1*	Latin 1, 2	2
Botany	$\frac{1}{2}$ or 1*	Latin 4	1
Chemistry	1	Latin 5	1
English 1	2	Mathematics A (A1 + A2)	2
English 2	1	Mathematics A1	1
French A (2 years)	2	Mathematics A2	1
French B (3d year)	1	Mathematics C	1
German A (2 years)	2	Mathematics B	$\frac{1}{2}$
German B (3d year)	1	Mathematics D	$\frac{1}{2}$
Greek A, B	2	Mathematics F	$\frac{1}{2}$
Greek C, F, H	1	Music B (harmony)	1
History A	1	Physics	1
History B	1	Physiography	$\frac{1}{2}$ or 1*
History C	1	Physiology	$\frac{1}{2}$ or 1*
History D	1	Spanish A (2 years)	2
History E	1	Spanish B (3d year)	1
History G	1		

A description of these subjects arranged in alphabetical order will be found on pages 35-55.

* According to the length of the course.

COURSE LEADING TO THE DEGREE OF BACHELOR OF
ARTS

ENTRANCE WITHOUT CONDITIONS

All candidates for a degree must, in order to enter without conditions, have at the time of their admission credits which amount to fifteen points. The credits thus presented must include:

<i>Subject</i>	<i>Points</i>
English 1	2
English 2	1
History A (ancient history)	1
Mathematics A (elementary and intermediate algebra)	2
Mathematics C (plane geometry)	1
One ancient language	
Latin 1, 2, 4, 5	4
or Greek A, B, C, F, H	3
A second foreign language	
Latin	3
or Greek	2
or a modern language	2

The remaining credits must be presented from the subjects contained and rated in the list on the preceding page.

ENTRANCE WITH CONDITIONS

Candidates who lack the full entrance requirement may be admitted as conditioned students. Such cases are considered separately, but in general it is not the policy of the Committee on Admission to accept candidates with conditions amounting to more than two points. In particular every candidate must have at the time of his admission credits which include at least two points in English, one point in mathematics, and two points in an ancient language.

REMOVAL OF ENTRANCE CONDITIONS

All entrance conditions must be made up before the beginning of the Junior year, and no student is allowed to enter upon the work of that year unless all such conditions have been removed.

Since courses for beginners in French, German, and Greek are offered by the College, it is possible for those who enter with conditions in these subjects to remove such conditions by taking the corresponding courses in college. Ordinarily college studies which are thus used for the removal of entrance conditions must be taken as extra courses, but the extent to which this is necessary will depend upon the number of points of advanced credit (i. e. the equivalent of courses offered in college) which the candidate presents over and above the amount required for admission. Information bearing on individual cases may be obtained by correspondence with the Secretary of the Faculty.

Candidates who present entrance credit for less than four years of Latin may complete the total requirement of the College in ancient languages as follows:

(1) Those having credit for Latin 1, 2, 4 may (a) take two years of Latin in College, one of which is a course in Vergil, or (b) discontinue Latin and begin the study of Greek, continuing that subject for three years.

(2) Those having credit for Latin 1, 2, 5 may (a) continue in Latin, taking the course of the Freshman year in that subject, with the understanding that the entrance deficiency must be removed later by passing an examination in Latin 4, or (b) discontinue Latin and begin the study of Greek, continuing that subject for three years.

(3) Those having credit for Latin 1, 2 only may (a) take two years of Latin in College, one of which is a course in Vergil, with the understanding that the deficiency in Latin 4 must be removed by passing an examination in that

subject, or (b) discontinue Latin and begin the study of Greek, continuing that subject for three years.

It should be noticed that all such adjustments are made subject to the general requirement of fifteen points for admission and forty semester courses in College.

ADMISSION SUBJECTS IN DETAIL

In the following accounts of subjects in detail, the letters and numerals at the left represent the divisions of the subject recognized by the College Entrance Examination Board and used in designating their examination papers.

BIOLOGY

The candidate should complete a course of recitations and laboratory exercises occupying five hours a week, through not less than a half year; the course to include an outline of the animal kingdom, together with the classification, habits, and economic importance of the animals in the various divisions. The laboratory drawings and note-book, properly certified, should be presented at the examination. The New York State Regents' recommendation for elementary zoölogy in their Syllabus for Secondary Schools is the standard.

BOTANY

The candidate should complete a course of recitation and laboratory work of not less than five hours a week for one-half of a school year. The class work should cover the structure and important physiological processes of flowering plants. The candidate should present at the time of taking the examination a laboratory book properly certified by the instructor. No credit will be given for an herbarium. The following text-books are recommended: Atkinson's *Botany for Schools*, Bergen and Caldwell's *Practical Botany*, Stevens' *Introduction to Botany*.

CHEMISTRY

The examination will include illustrations from any of the following topics in non-metallic chemistry:

Properties of the principal acid-forming elements and their compounds; simple problems on relations by weight; relations between gas-volumes and the weights of chemically related solids; acids, bases, and salts; formation of acids and bases from their salts; valence; series of oxy-acids and their salts; oxidation and reduction; acid anhydrides; hydrated and poly-acids.

ENGLISH

The requirement in English is that recommended by the National Conference on Uniform Entrance Requirements in English.

REQUIREMENT FOR 1920-1922

The study of English in school has two main objects, which should be considered of equal importance: (1) command of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence, and appreciation, and the development of the habit of reading good literature with enjoyment.

GRAMMAR AND COMPOSITION

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words, sentences, and paragraphs should be thoroughly mastered; and practice in composition, oral as well as written, should extend throughout the secondary school period. Written exercises may well comprise letter-writing, narration, descrip-

tion, and easy exposition and argument. It is advisable that subjects for this work be taken from the student's personal experience, general knowledge, and studies other than English, as well as from his reading in literature. Finally, special instruction in language and composition should be accompanied by concerted effort of teachers in all branches to cultivate in the student the habit of using good English in his recitations and various exercises, whether oral or written.

LITERATURE

The second object is sought by means of the reading and study of a number of books from which may be framed a progressive course in literature. The student should be trained in reading aloud and should be encouraged to commit to memory notable passages both in verse and in prose. As an aid to literary appreciation, he is further advised to acquaint himself with the most important facts in the lives of the authors whose works he reads and with their place in literary history. He should read the books carefully, but his attention should not be so fixed upon details that he fails to appreciate the main purpose and charm of what he reads.

A few of these books should be read with special care, greater stress being laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions.

EXAMINATION, 1920-1922

However accurate in subject-matter, no paper will be considered satisfactory if seriously defective in punctuation, spelling, or other essentials of good usage.

1. Grammar and Composition

In grammar and composition, the candidate may be asked specific questions upon the practical essentials of these studies, such as the relation of the various parts of a sentence

to one another, and those good usages of modern English which one should know in distinction from current errors. The main test in composition will consist of one or more essays developing a theme through several paragraphs; the subjects will be drawn from the books read, from the candidate's other studies, and from his personal knowledge and experience quite apart from reading. For this purpose the examiner will provide several subjects, perhaps eight or ten, from which the candidate may make his own selections. He will not be expected to write more than four hundred words an hour.

2. Literature

The examination will include:

A. Questions designed to test such knowledge and appreciation of literature as may be gained by an intelligent reading of the books given in List A below.

B. A test on the books in List B below. This will consist of questions upon their content, form, and structure, and upon the meaning of such words, phrases, and allusions as may be necessary to an understanding of the works and an appreciation of their salient qualities of style. General questions may also be asked concerning the lives of the authors, their other works, and the periods of literary history to which they belong.

LIST OF BOOKS, 1920-1922

A. BOOKS FOR READING.—The books provided for reading are arranged in the following groups, from each of which at least two selections are to be made, except that for any book in Group I a book from any other may be substituted.

GROUP. I. CLASSICS IN TRANSLATION.—The Old Testament, at least the chief narrative episodes in Genesis,

Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther.

The Odyssey, with the omission, if desired, of Books I-V, XV, and XVI.

The Æneid.

The Odyssey and the Æneid should be read in English translations of recognized literary excellence.

GROUP II. DRAMA.—Shakespeare, *Merchant of Venice*, *As You Like It*, *Julius Cæsar*.

GROUP III. PROSE FICTION.—Dickens, *A Tale of Two Cities*; George Eliot, *Silas Marner*; Scott, *Quentin Durward*; Hawthorne, *The House of the Seven Gables*.

GROUP IV. ESSAYS, BIOGRAPHY, ETC.—Addison and Steele, *The Sir Roger de Coverley Papers*; Irving, *The Sketch Book*—selections covering about 175 pages; Macaulay, *Lord Clive*; Parkman, *The Oregon Trail*.

GROUP V. POETRY.—Tennyson, *The Coming of Arthur*, *Gareth and Lynette*, *Lancelot and Elaine*, *The Passing of Arthur*; Browning, *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *Hervé Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa—Down in the City*, *The Italian in England*, *The Patriot*, *The Pied Piper*, “*De Gustibus*”—, *Instans Tyrannus*; Scott, *The Lady of the Lake*; Coleridge, *The Ancient Mariner*; and Arnold, *Sohrab and Rustum*.

B. BOOKS FOR STUDY.—The books provided for study are arranged in four groups, from each of which one selection is to be made.

GROUP I. DRAMA.—Shakespeare, *Macbeth* or *Hamlet*.

GROUP II. POETRY.—Milton, *L'Allegro*, *Il Penseroso*, *Comus*; Book IV of Palgrave's *Golden Treasury* (First Series), with special attention to Wordsworth, Keats, and Shelley.

GROUP III. ORATORY.—Burke's *Speech on Conciliation*

with America; Washington's Farewell Address; Webster's First Bunker Hill Oration; and Lincoln's Gettysburg Address.

GROUP IV. ESSAYS.—Macaulay, *Life of Johnson*; Carlyle, *Essay on Burns*, with a brief selection from Burns's poems.

FRENCH

The requirements in French follow the recommendations of the Committee of Twelve of the Modern Language Association of America.

See pages 75, 76 for college courses which correspond to entrance French A, B.

A. ELEMENTARY FRENCH

During the first year the work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; the order of words in the sentence, and the elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in the memory the forms and principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression; (4) the reading of from 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English) and in reproducing from memory sentences previously read; (5) writing French from dictation.

Suitable texts for the first year are: A well graded reader for beginners; Bruno, *Le Tour de la France*; Compayré, *Yvan Gall*; Laboulaye, *Contes bleus*; Malot, *Sans Famille*.

During the second year the work should comprise: (1) the reading of from 250 to 400 pages of easy modern prose

in the form of stories, plays, or historical or biographical sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are: Daudet, *Le Petit Chose*; Erckmann-Chatrian, stories; Halévy, *L'Abbé Constantin*; Labiche et Martin, *Le Voyage de M. Perrichon*; Lavis, *Histoire de France*.

B. INTERMEDIATE FRENCH

This should comprise the reading of from 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts for the third year are: Bazin, *Les Oberlé*; Dumas, novels; Mérimée, *Colomba*; Sandeau, *Mlle. de la Seiglière*; Tocqueville, *Voyage en Amérique*.

GERMAN

The admission requirements in elementary and advanced German are those recommended by the Modern Language Association of America.

See page 77 for college courses which correspond to entrance German A, B.

A. ELEMENTARY GERMAN

The preparation should comprise a thorough drill in elementary grammar and composition and enough reading of texts classified as elementary by the Committee of Twelve or in the publishers' catalogues to enable the pupils to read simple German at sight. Oral work is of great value if the subject is to be continued in college. Two years are necessary as preparation.

B. INTERMEDIATE GERMAN

Continued drill should be given in the rudiments of grammar and the more difficult points of syntax to enable the pupil to use his knowledge with facility in forming sentences and to state his knowledge correctly in the technical language of grammar. There should be enough reading of the masterpieces of the eighteenth century and of other intermediate texts to enable the pupil to read more difficult prose at sight. Oral work is of great value if the subject is to be continued in college. One year in addition to the work under German A is necessary.

GREEK

ELEMENTARY GREEK

A. 1. Greek Grammar.

2. Greek Composition. Translation into Greek of short sentences illustrating common principles of syntax.

The examination in grammar and prose composition will be based on the first two books of Xenophon's *Anabasis*.

B. Xenophon's *Anabasis*, Books I-IV.

ADVANCED GREEK

C. Homer's *Iliad*, Books I-II (omitting Book II 494-end) and the Homeric forms, constructions, idioms, and prosody.

F. Prose composition, consisting of continuous prose based on Xenophon and other Attic prose of similar difficulty.

H. Translation of passages of Homer at sight.

HISTORY

The requirements are based upon the recommendations of the Committee of Seven (1898), and of the Committee of Five (1910) of the American Historical Association.

A. ANCIENT HISTORY

The course should devote one-half of the year to the study of the history of the ancient Orient and of Greece as far as the death of Alexander and the break-up of his empire, with the study of Western Hellas to the death of Timoleon. The second half-year should be devoted to the study of the history of Rome as far as the death of Charlemagne. During this half-year time should be found for the study of the Hellenistic Period of Greek history and the merging of the story of Greece with the story of Rome.

Since not more than one-tenth of the whole time available can be allotted to the study of the history of the Orient, only so much of its narrative history should be studied as will hold the story together and fix its geography and its time relations, including some fixed dates of early chronology. Emphasis should be laid, not upon the details of military and political history, but upon the civilization developed by the different peoples of the Orient, with particular reference to the contributions which they made to later ages.

When we pass to the study of Greek history, little time should be spent on the period prior to the Persian Wars, except to deal concretely with Homeric society and to emphasize the expansion of Hellas. From the Persian Wars to the death of Alexander the study should be exact and

thorough, with special reference to the political, intellectual, and artistic development of Hellas during the Age of Pericles. Instead of trying to trace the constitutional development of Athens and of Sparta from the beginning, the working of government in these states at this, the time of their maturity, should be mastered.

In the period following the death of Alexander no attempt should be made to follow the intricate political history of the time, but opportunity should be taken either at this point or preferably in the second half-year, just prior to studying the Roman conquest of the East, to dwell upon federal government in Greece and bureaucratic government in Egypt; upon science, philosophy, literature, art, and especially religion—the decaying religion of Greece and the expanding cults in the East—in a word, upon the formation of the mixed Græco-Oriental culture of which Rome became the heir.

At the beginning of the second half-year the history of Rome to about the year 300 B.C. should be covered very rapidly; the Roman religion being made the most important subject of study. The attempt should be made rather to understand the organization and working of Senatorial government in the third and second centuries B.C. than to trace the changes made in Roman institutions in the fifth and fourth centuries. From 300 B.C. to the death of Marcus Aurelius the study must be relatively detailed and thorough. After this period the course should move rapidly, lingering only on the reigns of Diocletian, Constantine, and Justinian. The period of, and after, the Barbarian Invasions must be viewed from the Roman side. Hence little attention should be given to Germanic or Mohammedan migrations and institutions and to the beginnings of the modern nations, but emphasis should be placed upon those institutions which helped to preserve and to pass on to later ages

the contributions of Roman civilization; as, for example, the development of Roman law and of the Christian Church. Throughout, wherever possible, the treatment should be biographical.

B. MEDIEVAL AND MODERN HISTORY

The broad plan of this course should be to devote one-quarter of the year's work to the period prior to about 1300 A.D. closing with the death of Pope Boniface VIII; the second quarter should carry forward to about 1660, closing with the readjustments in the treaties of Westphalia and of the Pyrenees; the third quarter should close with the Congress of Vienna in 1815; and the work of the fourth quarter should be adjusted so as to give the last half of the time to events since 1878, with the purpose of explaining clearly the causes and the issues of the war of 1914.

The contribution of the Roman Empire, the Germans, the Christian Church, and Mohammedanism to medieval civilization, form the introduction to the study of feudalism, the crusades, the formation of European states, and the varied aspects of medieval society. The several phases of the Renaissance and of the Reformation should be supplemented by study of the discoveries outside of Europe and of colonial rivalries. The absolute monarchy of Louis XIV, the enlightened despotism of Frederick the Great, and the republican government of Revolutionary France should be explained as types in the development of government on the continent. While the Napoleonic period should not be neglected, special emphasis should be laid upon the Industrial Revolution—its political and social aspects—upon the growth of nationalism and democracy, and upon the economic expansion of European states outside of Europe.

C. MODERN HISTORY

After a brief survey of the international and colonial developments since the age of discovery, the course should begin with a cross-section of the governmental, social, and cultural conditions in Europe about 1660 A.D. The absolute monarchy of Louis XIV, the parliamentary government of England, the enlightened despotism of Frederick the Great, and the republican government of Revolutionary France and the imperialism of Napoleon should be studied as types of government in the transition from medieval feudalism to present day democracy. Attention should be given to the growth of national states and to the leading international and colonial problems since 1660 which culminate in the British Empire with its self-governing dominions, the partition of Africa, the awakening of the Far East, and the great international rivalries of the present generation. Emphasis should be laid upon the Industrial Revolution—its political and social aspects—and some attention should be given to the leading features of the internal history of England, France, and Germany. The study of the last half century should include some account of the great material changes, important inventions, and intellectual, social, and humanitarian movements.

D. ENGLISH HISTORY

The division of the work between the two half-years should be made at about 1660.

During the first half-year, the periods of the early Plantagenets (Henry II and Edward I), of the Tudors, and of the early Stuarts should receive emphasis. Though the economic conditions and the relations with Scotland and France and later with Spain are interesting as well as important, some attention should be given to such more difficult topics as Anglo-Norman feudalism; the origins of the Con-

stitution, especially the Great Charter and the rise of Parliament; and the development from feudal monarchy towards parliamentary government. Some attempt also should be made to explain the development and character of the Christian church in England, its relations with papacy, the later severance of these relations, the establishment of the national church, and the Puritan movement.

In the second half-year, starting with the Restoration, attention should first be given to the continued struggle between Crown and Parliament culminating in the establishment of responsible government. In studying the great wars with France, attention should be directed to the commercial and colonial expansion in America and in the East. With regard to imperial policy, the causes and effects of the Scottish and Irish unions and the revolt of the American colonies should be explained. The study of the revolution in agriculture, industry, and transportation should include some consideration of the consequent political and social reforms. Since the Reform Act of 1867, emphasis should be laid upon the more important reforms affecting economic, social, and political life, and upon the problem of Ireland. Some idea should be given of the growth and nature of British power in India, and the problem of imperial organization.

In general, it is desirable to emphasize the important epochs and the greater movements rather than to give each reign equal stress; to trace developments in so far as possible; to secure a clear comprehension of the more influential personalities; and to show the relations of English history to the history of other countries, especially the United States.

E. AMERICAN HISTORY

The course in American history should be so arranged that the work of the first half-year will include the adminis-

tration of John Quincy Adams, while that of the second half-year will include events of recent occurrence. In the work of the first half-year considerably more time should be spent on the period from 1763 to 1829 than on the period from early times to 1763; and in the work of the second half-year more time should be given to the period since the Civil War than to that before.

G. AMERICAN HISTORY AND CIVIL GOVERNMENT

Candidates who wish to offer American history and civil government should devote approximately two-thirds of the allotted time to the study of American history, and one-third to the study of civil government. How this division of time should be arranged must be left to the experience of the individual teachers since the practice has been found to vary so widely that no general direction can be given.

In the time devoted to the study of American history the course should cover lightly the period of discovery and settlement and the colonial period to 1763. The period from 1763 to 1837 should be covered with care. In the same way less emphasis may be placed upon the period from the end of the administration of Andrew Jackson to 1865 in order that time may be found to stress the period since the Civil War.

In the time devoted to the study of civil government the student should make a careful study of the Constitution of the United States, of the federal government, its powers, organization and workings; should understand the relations between the state and the federal government, and the general nature and extent of the powers reserved to the states.

LATIN

The College has adopted the following definitions of requirements proposed by the Commission on College Entrance Requirements in Latin.

AMOUNT AND RANGE OF READING REQUIRED

The Latin reading required of candidates for admission to College, without regard to the prescription of particular authors and works, shall be not less *in amount* than Cæsar, *Gallic War*, I–IV; Cicero, the *Orations against Catiline, for the Manilian Law*, and *for Archias*; Vergil, *Æneid*, I–VI.

The amount of reading specified above shall be selected by the schools from the following authors and works; Cæsar (*Gallic War* and *Civil War*) and Nepos (*Lives*); Cicero (*Orations, Letters, and De Senectute*) and Sallust (*Catiline* and *Jugurthine War*); Vergil (*Bucolics, Georgics, and Æneid*) and Ovid (*Metamorphoses, Fasti, and Tristia*).

SUBJECTS AND SCOPE OF THE EXAMINATION

Translation at sight. Candidates will be examined in translation at sight of both prose and verse. The vocabulary, constructions, and range of ideas of the passages set will be suited to the preparation secured by the reading indicated above.

Prescribed reading. Candidates will be examined also upon the following prescribed reading:

In 1919. Cicero, *Orations for the Manilian Law* and *for Archias*; Vergil, *Æneid*, I, II, and either IV or VI, at the option of the candidate.

In 1920, 1921, and 1922. Cicero, the *Third Oration against Catiline* and the *Orations for Archias and Marcellus*; Vergil, *Æneid*, II, III, and VI.

In 1923, 1924, and 1925. Cicero, the *Fourth Oration against Catiline* and the *Oration for the Manilian Law*; Vergil, *Æneid*, I and IV; Ovid, *Metamorphoses*, Book III, 1–137 (Cadmus); IV, 55–166 (Pyramus and Thisbe), and 663–764 (Perseus and Andromeda); VI, 165–312 (Niobe); VIII, 183–235 (Dædalus and Icarus); X, 1–77 (Orpheus and Eurydice); XI, 85–145 (Midas).

Accompanying the different passages will be questions on subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight; and candidates must deal satisfactorily with both these parts of the paper, or they will not be given credit for either part.

Grammar and Composition. The examinations in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose.

SUBJECTS FOR EXAMINATION, 1920-1922

1. Grammar.—The examination will presuppose the reading of the required amount of prose, including the prose works prescribed.

2. Elementary prose composition.—The examination will presuppose the reading of the required amount of prose, including the prose works prescribed.

4. Cicero (*Third Oration against Catiline* and the *Orations for Archias* and *for Marcellus*) and sight translation of prose.

5. Vergil (*Æneid*, II, III, and VI) and sight translation of poetry.

MATHEMATICS

The present definition of the requirements in Mathematics is in accordance with recommendations made in September, 1903, by a committee of the American Mathematical Society.

ELEMENTARY MATHEMATICS

A. Algebra to quadratics and beyond.

A. 1. Algebra to quadratics.

The four fundamental operations for rational algebraic expressions. Factoring, determination of highest common factor and lowest common multiple by factoring; fractions, including complex fractions, and ratio and proportion; linear equations, both numerical and literal, containing one or more unknown quantities; problems depending on linear equations; radicals, including the extraction of the square root of polynomials and of numbers; exponents, including the fractional and the negative.

A. 2. Quadratics and beyond.

Quadratic equations, both numerical and literal; simple cases of equations with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations; problems depending on quadratic equations; the binomial theorem for positive integral exponents; the formulas for the n th term and the sum of n terms of arithmetical and geometrical progressions, with applications.

It is assumed that pupils will be required throughout the course to solve numerous problems which involve putting questions into equations. Some of these problems should be chosen from mensuration, physics, and from commercial life. The use of graphical methods and illustrations, particularly in connection with the solution of equations, is also expected.

C. Plane geometry.

The usual theorems and constructions of good text-books, including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle; the solution of numerous original exercises, including loci problems; applications to the mensuration of lines and plane surfaces.

ADVANCED MATHEMATICS

B. Advanced algebra.

Permutations and combinations, limited to simple cases; complex numbers, with graphical representation of sums and differences; determinants, chiefly of the second, third, and fourth orders, including the use of minors and the solution of linear equations; numerical equations of higher degree, and so much of the theory of equations, with graphical methods, as is necessary for their treatment, including Descartes's rule of signs and Horner's method, but not Sturm's functions or multiple roots.

D. Solid geometry.

The usual theorems and constructions found in good textbooks, including the relations of planes and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle; the solution of numerous original exercises, including loci problems; applications to the mensuration of surfaces and solids.

F. Plane trigonometry.

Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles; proofs of principal formulas, in particular for the sine, cosine, and tangent of the sum and of the difference of two angles, of the double angle and the half angle, the product expressions for the sum or the difference of two sines, or two cosines, etc., the transformation of trigonometric expressions by means of these formulas; solutions of trigonometric equations of a simple character; theory and use of logarithms (without the introduction of work involving infinite series); the solution of right and oblique triangles and practical applications.

MUSIC B. (Harmony)

The candidate should acquire: (I) the ability to harmonize in four vocal parts simple melodies of not fewer than

eight measures, in soprano or in bass. The harmonization of such melodies requires a knowledge of triads and inversions, of diatonic seventh chords and their inversions, in major and minor modes, and of modulation, transient or complete, to nearly related keys; (2) a knowledge of analysis of ninth chords, of all non-harmonic tones, and of altered chords.

Systematic ear-training (as to interval, melody, and chord) is urgently recommended as part of the preparation for this examination. A full knowledge of the rudiments of music, scales, intervals, and staff notation, is expected.

PHYSICS

Candidates should pursue a course extending through one year, involving both class exercises and laboratory work. The class work should include careful study of the whole subject as presented in some good text-book of high school grade, and the student should perform not less than thirty-five experiments requiring careful measurements. The candidate will be examined in the principles of the subject, and his proficiency tested by problems such as those set by the College Entrance Examination Board.

PHYSIOGRAPHY

Candidates should master Dryer's *Physical Geography* or Davis' *Elementary Physical Geography*, with laboratory work and excursions for observations of land features. Notebook and laboratory records endorsed by the teacher must be submitted at the time of taking the examination.

PHYSIOLOGY

The candidate should complete a course of recitation and laboratory work of not less than forty hours, including the study of the structure of the principal organs of the human body, with special attention to their working. The em-

phasis should be placed on function. An elementary knowledge of personal hygiene as the practical application of this science is required.

The following text-books are recommended: Hough and Sedgwick's *The Human Mechanism*, Martin's *The Human Body* (elementary course), Fitts' *Physiology and Hygiene*, Eddy's *Text-Book in General Physiology and Anatomy*.

SPANISH

The requirement in Spanish A is based upon the recommendations of a committee of the Modern Language Association.

A. ELEMENTARY SPANISH

At the end of the elementary course the pupil should be able to pronounce Spanish accurately, to read at sight easy Spanish prose, to put into Spanish simple English sentences taken from the language of every-day life or based upon a portion of the Spanish text read, and to answer questions on the rudiments of the grammar, as indicated below.

During the first year the work should comprise:

1. Careful drill in pronunciation.
2. The rudiments of grammar, including the conjugation of the regular and the more common irregular verbs, the inflection of nouns, adjectives, and pronouns, and the elementary rules of syntax.
3. Exercises containing illustrations of the principles of grammar.
4. The careful reading and accurate rendering into good English of about 100 pages of easy prose and verse, with translation into Spanish of easy variations of the sentences read.
5. Writing Spanish from dictation.

During the second year the work should comprise:

1. The reading of about 200 pages of prose and verse.
2. Practice in translating Spanish into English, and English variations of the text into Spanish.
3. Continued study of the elements of grammar and syntax.
4. Mastery of all but the rare irregular verb forms and of the simpler uses of the modes and tenses.
5. Writing Spanish from dictation.
6. Memorizing of easy short poems.

The emphasis should be placed on careful thorough work with much repetition rather than upon rapid reading. The reading should be selected from the following: A collection of easy short stories and lyrics, carefully graded; Juan Valera, *El pájaro verde*; Perez Escrich, *Fortuna*; Ramos Carrión and Vital Aza, *Zaragüeta*; Palacio Valdés, *José*; Pedro de Alarcón, *El Capitán Veneno*; the selected short stories of Pedro de Alarcón or Antonio de Trueba.

B. INTERMEDIATE SPANISH

The work should comprise: a continuation of the study of grammar, syntax, idioms in a more advanced text-book; ability to translate intelligently simple English prose, to write an ordinary commercial letter, and to write in Spanish from dictation; a careful reading of from 400 to 600 pages of Spanish of ordinary difficulty. The following are suitable texts.

Cervantes, *Don Quijote* (selections), *Novelas Ejemplares* (selections); Lope de Vega, *La Moza de Cántaro*, and such texts from writers of the nineteenth century as the following: Perez Galdós, *Doña Perfecta*, *Marianela*; Pardo Bazán, *Pascual López*; Juan Valera, *El Comendador Mendoza*, *Pepita Jiménez*; Vicente Blasco Ibáñez, *La Barraca*; Quintero, *Doña Clarines*.

METHODS OF ADMISSION

A blank form of application for admission will be sent by the Secretary of the Faculty to anyone desiring it. This blank when properly filled out indicates the subjects which the candidate expects to present for admission and the manner in which these credits are to be secured.

Candidates for admission are urged to send their applications to the Secretary of the Faculty before the beginning of the last year of the preparatory course if possible in order to insure that the plan of studies for this last year shall be made in conformity with the requirements for admission to Amherst College. The filing of such an application for admission does not commit the applicant in any manner.

EXAMINATIONS FOR ADMISSION

Examinations are held twice every year, in June and in September, the June examinations being those given by the College Entrance Examination Board. On recommendation by the principal of the school which candidates have attended they are allowed to take examinations in any of the subjects required for admission.

PRELIMINARY EXAMINATIONS

The candidate may, at his option, take his examinations in two parts, preliminary and final, thus dividing his subjects between two years. In the case of preliminary examinations a higher passing grade is required than in the case of final examinations. Candidates are advised to reserve for their final examinations the following subjects: Greek C and F, Latin 5, Mathematics A or C, and English 2.

COLLEGE ENTRANCE EXAMINATION BOARD

Examinations of 1920

In June, 1920, the admission examinations of this College will be the examinations of the College Entrance Examina-

tion Board of which this College is a member. The examinations will be held during the week June 21-26, 1920.

In June, 1920, there will be separate blank forms for the "application for examination" and "certificate of recommendation." The former should be addressed to the College Entrance Examination Board, 431 West 117 Street, New York, N. Y., the latter to the Chairman of the Committee on Admission of the university, college, or scientific school that the candidate wishes to enter. Both forms may be obtained from the Secretary of the College Entrance Examination Board upon request by mail.

Provided that the application reach the College Entrance Examination Board not later than the date specified below, the examination fee will be \$6.00 if the candidate is to be examined in the United States or Canada, \$20.00 if the candidate is to be examined outside of the United States or Canada. The fee should be transmitted by postal order, express order, or draft on New York, should accompany the application, and should be payable to the College Entrance Examination Board.

Applications and fees of candidates who wish to be examined outside of the United States or Canada must reach the Secretary of the Board at least six weeks in advance of the examinations, that is, on or before May 10, 1920.

Applications and fees of candidates who wish to be examined at points in the United States west of the Mississippi River or in Canada must be received at least four weeks in advance of the examinations, that is, on or before May 24, 1920.

Applications and fees of candidates who wish to be examined at points in the United States east of or on the Mississippi River must be received at least three weeks in advance of the examinations, that is, on or before May 31, 1920.

When the candidate has failed to obtain the required

blank form of application for examination, the usual examination fee will be accepted if the fee arrive not later than the specified date accompanied by a memorandum containing the name and address of the candidate, the examination center at which he wishes to present himself, and a list of all subjects in which he may have occasion to take the Board's examinations.

Applications received later than the dates named will be accepted only upon payment of \$6.00 in addition to the usual fee.

A list of the places at which the examinations are to be held by the Board in June, 1920, will be published about March 1. Requests that the examinations be held at particular points, to receive proper consideration, should be transmitted to the Secretary of the Board not later than February 1.

The marks given by the Board to the papers of the candidate will be accepted by Amherst College upon the same terms as the results of the examinations held by the College in September.

Examination papers are not sent out from the College to preparatory schools.

EXAMINATIONS IN SEPTEMBER

The September examinations are given only by the College, at Amherst. These examinations are held in Room 5, Walker Hall, on Wednesday, Thursday, Friday, Saturday, Monday, and Tuesday, September 15-21, 1920.

For the examinations in September a fee of five dollars is charged, payable to the Treasurer of the College at the time of registration. Credit will be given for this amount on the first term-bill, due at the beginning of the student's first semester in College.

The order of examinations in September is as follows:

FIRST DAY—SEPT. 15

8.30-10.30 A.M.	Latin 4
10.45 A.M.-12.30 P.M.	Latin 2
2.00-4.00 P.M.	Latin 5
4.15-6.15 P.M.	French B

SECOND DAY—SEPT. 16

8.30-10.30 A.M.	Mathematics C
10.45 A.M.-12.30 P.M.	Mathematics D
2.00-4.00 P.M.	German A
4.15-6.15 P.M.	History A, B, C

THIRD DAY—SEPT. 17

8.30-10.30 A.M.	Physics
10.45 A.M.-12.30 P.M.	Latin I
2.00-4.00 P.M.	French A
	Spanish A, B
4.15-6.15 P.M.	German B

FOURTH DAY—SEPT. 18

8.30-10.30 A.M.	Mathematics A 1
10.45 A.M.-12.30 P.M.	Mathematics A 2
2.00-4.00 P.M.	Botany
	Physiography
	Zoölogy
4.15-6.15 P.M.	History D, E, G

FIFTH DAY—SEPT. 20

8.30-10.30 A.M.	English 1
10.45 A.M.-12.45 P.M.	Chemistry
2.00-4.00 P.M.	English 2
4.15-6.15 P.M.	Greek B

SIXTH DAY—SEPT. 21

8.30-10.30 A.M.	Greek C, H
	Mathematics B
10.45 A.M.-12.30 P.M.	Greek A
2.00-4.00 P.M.	Mathematics F
4.15-6.00 P.M.	Greek F
	Music B
	Physiology

For Porter Admission Prize see page III.

ADMISSION BY CERTIFICATE

From certain preparatory schools of approved standing certificates of fitness to enter College are received in place of entrance examinations; but such certificates must be filled out in detail in accordance with forms printed by the College and furnished to principals of such schools upon application to the Secretary of the Faculty.

In order to meet the full requirements in these subjects, certificates in Greek and Latin must specify that the candidate has pursued a systematic course of study, not less than five hours a week, during three school years for Greek and four for Latin. In Mathematics A and C no certificate will be accepted for work that has not been pursued or reviewed within the two years preceding the date of the student's admission to College. Certificates will be accepted in modern languages provided they have been pursued during the year preceding the date of admission to College. In the case of candidates who present more than one modern language, certificates are accepted provided at least one of these languages has been pursued during the year preceding the date of admission to College. Certificates for advanced mathematics will be accepted with the understanding that in such cases the student is required to take a year of mathematics in College. In general the amount of work required in each subject is indicated in the detailed description already given under subjects for examinations.

Certificates will be received from the schools which have been approved by the New England College Entrance Certificate Board, the North-Central Association of Colleges and Preparatory Schools, or the Southern Commission on Accredited Schools. Principals of schools in New England who desire the certificate privilege should address the Secretary of the Board, Professor Frank W. Nicolson, Middletown, Conn.

Certificates are received from other schools which have been approved by this College. In determining the eligibility of these schools to the certificate privilege the College follows in general the method of the New England College Entrance Certificate Board. From schools which for four consecutive years have sent no students to this College the certificate privilege is withdrawn unless exception is made by the Committee on Admission.

ADMISSION BY CERTIFICATE OF EXAMINATIONS

The pass-cards, certificates, and diplomas given by the Regents of the University of the State of New York are accepted in place of entrance examinations to the extent to which they cover the requirements of Amherst College, stated on pages 32, 33.

ADMISSION FROM OTHER COLLEGES OR INSTITUTIONS OF COLLEGIATE RANK

A candidate for admission to advanced standing from an institution of collegiate rank may receive credit without examination for work completed at such an institution subject to the following requirements:

1. He must present a catalogue of the institution from which he comes, together with an official certificate showing (a) his entrance credits at that institution, (b) his college record including grade of scholarship in each subject taken, (c) honorable dismissal.

2. He must have completed creditably the work of at least one year in an institution of collegiate rank.

3. He must satisfy the entrance requirements of Amherst College, using his advanced credits for this purpose if necessary.

4. Credit is allowed only for work equivalent to courses in Amherst College.

5. Credit for such courses is regarded as provisional at

the time of the applicant's admission to college, and will not be considered as final, nor will the applicant be given final enrollment, until he has satisfactorily completed at least one semester's work in Amherst College.

6. Candidates will be accepted only at the beginning of the year, and when accepted will be regarded as provisionally enrolled for that year.

7. The applicant must indicate at the time of his admission all his claims for credit.

All applications for admission to advanced standing should be made to the Secretary of the Faculty.

ANTICIPATION OF COLLEGE COURSES BY EXAMINATION

Students who have completed in their preparatory schools studies corresponding to courses given in Amherst College may obtain credit for such courses by examination in accordance with the following rules:

1. The proposed credit must be in excess of the entrance requirements.

2. It must be presented at or before the time of admission to college.

3. Advanced credit in French, German, and mathematics may be obtained by passing examinations of the College Entrance Examination Board in June.

4. Special examinations for obtaining advanced credit will be given upon application and payment of the required special examination fee at the time of the regular entrance examinations in September.

5. All applications for examinations for advanced credit must be filed with the Secretary of the Faculty.

6. Credit thus obtained may be used:

a. In anticipation of required courses.

b. To count toward graduation in less than four years. (See page 65.)

Such credit may not be used to reduce the number of courses in any semester nor as a substitute for a delinquency subsequently incurred.

7. Students will not be allowed advanced credit by certificate or examination for work done privately or by correspondence.

All correspondence concerning admission should be addressed to the Secretary of the Faculty.

CURRICULUM

GENERAL REQUIREMENTS

DEGREE OF BACHELOR OF ARTS

All candidates for the Degree of Bachelor of Arts must complete forty semester courses which shall include: one year of mathematics; one year of English; one year (two years if elementary) of Greek or one year of Latin; two years of science in the group biology, chemistry, geology, physics; one year in the group English, foreign language, music; one year in the group history, philosophy, Greek civilization, Roman civilization; and in addition to the forty courses, the required work in publicspeaking and physical education.

Courses of study are by semesters, or half years; but no course of less than a year in any subject may be counted towards a degree, except as provided in the detailed description of the courses of instruction.

In order to receive a degree a candidate must have no deficiencies in the work of any semester, must have a reading knowledge of German or a Romance language (French, Italian, or Spanish), and must attain an average grade of seventy per cent for the entire course.

All courses are assigned three hours each week, except (1) the two semesters of required mathematics, the first two semesters of Greek for beginners, and the regular Freshman courses in Greek and Latin, which are four-hour courses, and (2) the two semesters of required English, which are two-hour courses.

The course of study must be so arranged that it will include two majors, and both these majors must be completed in the Senior year.

A major consists of six semester courses in the same subject pursued either

- (1) during six consecutive semesters, or
- (2) during the Junior and Senior years.

It will be seen, therefore, that the two majors required may not be begun until after the Freshman year.

N. B. Members of the Class of 1921 are allowed the option of substituting for the usual requirement of two majors a double major consisting of six related subjects taken in the Junior and Senior years under the direction of the group consisting of the humanistic sciences and philosophy.

All students are required to take five courses in each semester.

No student is allowed to take more than six courses in a semester.

Not more than two courses taken simultaneously in one subject or under one instructor may count towards a degree.

No student may elect more than eight semester courses in any subject unless he is permitted to do so by the department and the Committee on Instruction.

Credits for subjects previously taken may not be used to reduce the number of courses required in any semester, nor as substitutes for delinquencies subsequently incurred.

No student is allowed to remain in college over two years with an entrance condition.

Early in his college course the student should note the prerequisites of the various departments in order that he may not be prevented from making the elections which he desires.

GRADUATION IN LESS THAN FOUR YEARS

GRADUATION IN THREE YEARS

A student who has at entrance, by examination, credit for four semester courses, may take six courses each semester, in addition to the required work in public speaking and physical education, in order to obtain a degree in three years. Written notice of intention to complete the course

in three years must be given to the Secretary of the Faculty at the beginning of the first year.

GRADUATION IN THREE AND ONE-HALF YEARS

A student may complete the course in three and one-half years by taking in addition to the regular work an extra course in each of five semesters, and may take his degree at the Commencement following. Written notice of intention to complete the course in three and one-half years must be given to the Secretary of the Faculty at the beginning of the second year. On completion of the requisite number of courses the student may on petition obtain leave of absence until the time when the degree is conferred.

STUDIES OF FRESHMAN YEAR

1. English
2. Mathematics
3. Ancient Language*
- 4, 5. Two subjects from the following three groups, but not more than one subject from any one group:

{	A. Foreign language
{	B. Social and Economic Institutions
{	C. Biology, chemistry, physics†
6. Hygiene and physical education, two thirds of the year
7. Public speaking

Freshmen who have credits in required studies may elect in place of them courses offered to the Sophomore class.

STUDIES OF SOPHOMORE YEAR

One subject must be chosen from each of the following groups, but not more than two subjects may be chosen from any one group.

1. English, a foreign language, music.
2. Biology, chemistry, mathematics, physics.

* Every candidate for a degree must take an ancient language in the Freshman year. If the subject chosen is Greek 1, 2, the student must elect Greek 3, 4 in his Sophomore year. In other cases only one year of ancient language is required of those who have presented for admission either four years of Latin or three years of Greek.

† Physics 1, 2 is open to those Freshmen who have credit for Mathematics F (plane trigonometry), and to those who wish to take the subject for two or three years, and who satisfy the department that they are prepared for the work.

3. History, philosophy, Greek civilization or Roman civilization.
4. Elective.
5. Elective.
6. Public Speaking.
7. Physical Education, one-half of the year.

NOTE 1.—Both Greek and Roman civilization may not be taken in the same year.

NOTE 2.—If the reading requirement of a modern language has not been satisfied during Freshman year a modern language must be elected in Sophomore year.

STUDIES OF JUNIOR YEAR

1. *Major 1
2. Major 2
3. Elective
4. Elective
5. Elective
6. Physical education, one-half of the year

STUDIES OF SENIOR YEAR

1. Major 1
2. Major 2
3. Elective
4. Elective
5. Elective

COURSE WITHOUT DEGREE

Mature students who desire to receive instruction in a course of subjects not leading to a degree and who have presented satisfactory evidence of special fitness for such work are admitted as special students. At the time of their application for admission such students should present to the Secretary of the Faculty a plan of the course of study desired. A course of this kind is not open to a student who has just finished his preparatory course with insufficient credits to admit him as a regular candidate for a degree.

Students who are pursuing studies not leading to a degree

* For the definition of a major see page 64.

are required to take as many courses as are taken by regular students.

Special students are not eligible to participate in inter-collegiate games or public exhibitions.

DEGREE OF MASTER OF ARTS

Every candidate for the Degree of Master of Arts shall make application to the Secretary of the Faculty for permission to enter upon a course of study for the degree. This application must be made not later than one week before the first day of the college year.

In the case of undergraduates of Amherst College who expect to complete the work for the Bachelor's degree at the end of the first semester of their Senior year, and who wish to apply the second semester to studies leading to the Master's degree, the application must be in the hands of the Secretary of the Faculty on or before December first of that year.

A blank form of application may be obtained from the Secretary of the Faculty. On this blank the applicant shall indicate the department in which he wishes to pursue his major course of study, and return his application to the Secretary of the Faculty. If this preliminary application is accepted by the Committee on Instruction, the applicant will be notified of that fact, and also of the name of the professor whom he must consult as to the selection of all his courses, and under whose general direction his courses will be pursued.

The applicant shall select four courses, two in the department in his major subject, and two others, known as minors, in other departments unless exception be made by the Committee on Instruction. The standard of work for each candidate is a minimum grade of 80 per cent in each of his courses. The amount of work done shall be acceptable to the teachers concerned and to the Committee on

Instruction. Special examinations may be given at any time at the will of the teacher. A final examination in each course is held in the case of every candidate for the Master's degree, and this final examination is at least partly oral. The oral part of the candidate's examination takes place at a date arranged to suit the convenience of the candidate and all his teachers, and the examination covers the whole work done for the degree. It is open to all members of the faculty, and they are allowed to question the candidate as they desire.

From every candidate there is also required a thesis on such subject and under such conditions as are set by the professor under whose direction the work is being done, and this thesis must be accepted and approved by him before the candidate is admitted to the final examination.

Candidates are expected to appear in person at the conferring of the degree.

Communications relative to the degree should be addressed to the Secretary of the Faculty.

COURSES OF INSTRUCTION IN DETAIL

In the numbering of courses an odd numeral denotes the first semester, an even numeral the second semester.

A tabulated statement of electives by years will be found on page 92.

Unless the contrary is stated, members of any class are permitted to elect courses which are open to the members of a lower class.

BIOLOGY

1, 2. General biology.

Elective for Freshmen.

Lectures and laboratory work.

Mon., 2 to 3.50, Thu., Sat., 10.30 to 12.20, Biology Laboratory,
PROFESSOR GLASER.

Fee, \$5.00 each semester.

3. Microbiology.

Elective for Sophomores.

(Biology 1, 2 and entrance chemistry or its equivalent requisite.

Chemistry 1 may be taken concurrently.)

Lectures and laboratory work.

Mon., 2 to 3.50, Thu, Sat., 10.30 to 12.20, Biology Laboratory,

PROFESSOR PLOUGH.

Fee, \$5.00.

4. Comparative anatomy and embryology of the vertebrates.

Elective for Sophomores.

(Biology 3 requisite.)

Lectures and laboratory work.

Mon., 2 to 3.50, Thu., Sat., 10.30 to 12.20, Biology Laboratory,

PROFESSOR PLOUGH.

Fee, \$5.00.

5, 6. Genetics.

Elective for Juniors.

(Biology 4 requisite.)

Lectures, demonstrations, and laboratory work.

PROFESSOR PLOUGH.

Fee, \$5.00 in the second semester.

7, 8. General physiology of development.

Elective for Juniors.

(Biology 4 requisite.)

Lectures, conferences, demonstrations, and laboratory work.

PROFESSOR GLASER.

Fee, \$5.00 in the second semester.

9, 10. Advanced biology.

Elective, with the consent of the instructors, for Seniors and specially qualified Juniors.

(Two years of biology requisite.)

PROFESSORS GLASER and PLOUGH.

Fee, \$5.00 each semester.

11, 12. General structural, physiological, and economic botany of the flowering plants.

Elective for Sophomores.

Laboratory and field work, two hours a week.

(Omitted in 1919-1920.)

PROFESSOR GOODALE.

13, 14. Evolution of the plant kingdom. The progress of plant life from the lower to the higher forms is studied by means of lectures and laboratory work upon certain types selected as representatives of the main groups of plants.

Elective for Sophomores.

(Omitted in 1919-1920.)

PROFESSOR GOODALE.

CHEMISTRY

1, 2. General chemistry.

Elective for Freshmen.

Three hours class-room and two hours laboratory work a week.

Tu., Sat., 9.30, Thu., 3.00, Chemistry Laboratory, PROFESSOR SCATCHARD.

Fee, \$5.00 first semester; \$4.00 second semester.

3. Inorganic chemistry; a brief introduction to theoretical chemistry, with special emphasis on ionic hypothesis and chemical equilibrium and their applications to the reactions of analytical chemistry.

Elective for Sophomores.

(Chemistry 1, 2 requisite. Students electing this course are advised to take Physics 1, 2.)

Two hours class-room work and three hours laboratory work each week.

Mon., Wed., 9.30, Fri., 3.00, Chemistry Laboratory, PROFESSOR DOUGHTY.

Fee, \$10.00.

4. Qualitative analysis; continuation of theory as applied to reactions and detection of the common metallic and acidifications.

Elective for Sophomores.

(Chemistry 1, 2, and 3 requisite.)

Two hours class-room work and three hours laboratory work each week.

Mon., Wed., 9.30, Fri., 3.00, Chemistry Laboratory, PROFESSOR DOUGHTY.

Fee, \$10.00.

5, 6. Quantitative analysis; chiefly laboratory work in gravimetric and volumetric analysis.

Elective for Juniors.

(Chemistry 1, 2, 3, and 4 requisite.)

Six hours laboratory work each week.

PROFESSOR HOPKINS.

Fee, \$10.00 each semester.

7, 8. Organic chemistry; an introduction to the chemistry of the compounds of carbon. General theory of organic chemistry and preparation of typical compounds.

Elective for Juniors.

(Chemistry 1, 2, 3 and 4 requisite.)

Three hours class-room work and three hours laboratory work each week.

Mon., Wed., Fri., 11:30 Chemistry Laboratory, PROFESSOR DOUGHTY.

Fee, \$10.00 each semester.

11, 12. Experimental problems.

Elective, with consent of the department, for specially qualified Seniors.

(Chemistry 5, 6 requisite.)

The work in this course consists of a minimum of nine hours a week in the laboratory, with assigned reading, conferences, compilation of bibliography and presentation of a report in connection with some problem suggested by the instructor.

PROFESSORS HOPKINS, DOUGHTY or SCATCHARD.

Fee, \$10.00 each semester.

NOTE.—A student intending to enter a medical school is advised to elect Chemistry 1, 2, 3, 4, 7, 8.

ECONOMICS

I. INTRODUCTORY COURSES

1, 2. The economic order. A study of "Why all of us, taken together, are as well off as we are, and why some of us are much better off and others much worse off than the average."

Elective for Juniors.

A. Mon., Fri., 10.30, Wed., 3.00, Small Chapel, PROFESSOR STEWART.

B. Mon., Wed., Fri., 11.30, Chapel 4, PROFESSOR HAMILTON.

3, 4. Principles of economics. A study of current problems in their relation to economic principles.

Elective for Juniors.

This course is primarily for those who intend to take only one course in economics. Credit will not be given for both 1, 2 and 3, 4.

Tu., 2, Thu., Fri., 8.35, Chapel 5, PROFESSOR CROOK.

II. ADVANCED COURSES

5, 6. Labor in industrial society. A study of the rise of the industrial labor class, the wages system, employment management, the organization of employers and employes, the establishment of labor standards, and other aspects of the problem of the place of labor in industry and society.

Elective for Seniors.

(One full course in economics requisite.)

Mon., Wed., 8.35, Fri., 2, Chapel 4, PROFESSOR HAMILTON.

7. Problems of management and labor, including trades-unionism and the wages question.

Elective for Seniors.

(One full course in economics requisite.)

Mon., Fri., 10.30, Wed., 3, Chapel 5, PROFESSOR CROOK.

8. Public finance; the principles of public revenues and expenditures, with special emphasis on the problems of taxation.

Elective for Seniors.

(One full course in economics requisite.)

Mon., Fri., 10.30, Wed., 3, Chapel 5, PROFESSOR CROOK.

9, 10. The credit system. A study of the nature and functions of banking and corporation finance and an analysis of the credit phase of the business cycle.

Elective for Seniors.

(One full course in economics requisite.)

Mon., Wed., 9.30, Fri., 3, Chapel 5, PROFESSOR STEWART.

11, 12. Theory of modern industrialism. A genetic study of institutions and problems of contemporary society.

Elective for Seniors.

(Two full courses in economics and permission of instructors requisite.)

PROFESSORS HAMILTON and STEWART.

13, 14. The control of social development. A study in historical terms of the modern problem of politics and industry.

Elective, with the consent of the instructors, for Seniors.

PROFESSORS HAMILTON, STEWART, BARKER and TAWNEY.

NOTE.—This course is the same as History 11, 12.

ENGLISH

A. Introduction to literature.

Required course (one semester) for Freshmen.

Tu., 2, Thu., Fri., 8.35, Walker 10, PROFESSOR CHURCHILL.

Tu., 2, Thu., Fri., 8.35, Walker 14, PROFESSOR WHICHER.

Tu., 2, Thu., Fri., 8.35, Williston 1, DR. POWELL.

B. Literature of the Old Testament.

Required course (one semester) for Freshmen.

Tu., 2, Thu., 8.35, Walker 8, PROFESSOR FITCH.

1. American literature; nineteenth century poets.

Elective for Sophomores.

Tu., Sat., 8.35, Wed., 2, Morgan Library, PROFESSORS FROST and WHICHER.

2. American literature; colonial chronicles, political prose, essayists, novelists, historians.

Elective for Sophomores.

Tu., Sat., 8.35, Wed., 2, Morgan Library, PROFESSOR WHICHER and MR. PARKS.

3. English poets; Chaucer and Spenser.

Elective for Juniors.

Mon., 2, Wed., Thu., 10.30, Library, PROFESSOR WHICHER.

4. English poets; Milton and Wordsworth.

Elective for Juniors.

Mon., 2, Wed., Thu., 10.30, Library, PROFESSOR WHICHER.

5, 6. Elizabethan drama; the rise and development of English drama; the predecessors of Shakespeare; Shakespeare.

Elective for Juniors.

Mon., 2, Wed., Thu., 10.30, Walker 12, PROFESSOR CHURCHILL.

7, 8. Argumentation. The course includes analysis and organization of material, but emphasis is laid on oral rather than on written work.

Elective for Juniors.

Tu., Thu., Sat., 11.30, Morgan Library, DR. POWELL.

9. Advanced composition.

Elective, with the consent of the instructor, for Juniors.

PROFESSOR FROST and MR. GLASS.

10. Advanced composition.

Elective, with the consent of the instructor, for Juniors.

MR. GLASS.

11, 12. Poetry; its nature and elements; its forms and modes. Critical study of poems as illustrations and examples.

Elective for Seniors.

Mon., Fri., 10.30, Wed., 3, Walker 8, PROFESSOR CHURCHILL.

FRENCH

1, 2. Elementary course. *Equivalent to entrance French A.*

Elective for Freshmen.

A. Tu., Sat., 8.35, Wed., 2, Barrett 7, MR. LANDRÉ.

B. Mon., Wed., 9.30, Fri., 3, Barrett 7, PROFESSOR SMITH.

3, 4. Advanced course. *Equivalent to entrance French B. Elective for Freshmen.*

A. Tu., Sat., 10.30, Thu., 2, Barrett 3, MR. LANDRÉ.

B. Tu., 2, Thu., Fri., 8.35, Barrett 7, PROFESSOR SMITH.

5, 6. French classics of the seventeenth, eighteenth and nineteenth centuries.

Elective for Freshmen.

(3, 4, or the equivalent, requisite.)

A. Tu., Sat., 9.30, Thu., 3, Barrett 7, PROFESSOR SMITH.

B. Tu., Sat., 10.30, Thu., 2, Barrett 7, PROFESSOR SMITH.

7, 8. The novel.

Elective for Sophomores.

(5, 6, or the equivalent, requisite.)

Mon., 2, Wed., Thu., 10.30, Barrett 7, MR. LANDRÉ.

9. Victor Hugo.

Elective for Sophomores.

(5, 6, or the equivalent, requisite.)

PROFESSOR SCHINZ.

10. French drama.

Elective for Sophomores.

(9, or the equivalent, requisite.)

PROFESSOR ROBERT.

GEOLOGY

1. Physical and regional geography; the principles of sculpturing of the earth's surface.

2. Continuation of 1; the interpretation of the topography of North America and Europe and in less detail of the other continents.

Elective for Freshmen only.

Tu., Sat., 10.30, Thu., 2, Geology Laboratory, PROFESSOR LOOMIS.

3, 4. Geology; an introductory course taking up structural, economic, and historical geology.

Four field trips required in the fall and an equivalent amount of field work in the spring.

Elective for Juniors.

Tu., Thu., Sat., 11.30, Geology Laboratory, PROFESSOR LOOMIS.

5. Physiography; a regional study of the continents.

Elective for Juniors.

(Geology 1 of 1918-1919 requisite.)

Tu., Sat., 9.30, Thu., 3, Geology Laboratory, PROFESSOR LOOMIS.

6. Paleontology. The history of the development and succession of animal life.

Elective for Juniors.

(Geology 5 requisite.)

Tu., Sat., 9.30, Thu., 3, Geology Laboratory, PROFESSOR LOOMIS.

7. Invertebrate paleontology. A study of the development and succession of the invertebrate life of the geological past.

Elective for Seniors.

(Geology 1 or Geology 2 of 1918-1919 requisite.)

PROFESSOR LOOMIS.

8. Historical geology. An advanced course in stratigraphy, especially of North America.

Elective for Seniors.

(Geology 5 or Geology 7 requisite.)

PROFESSOR LOOMIS.

GERMAN

1, 2. Elementary course; grammar, pronunciation, composition, colloquial exercises, syntax, translation from prose selections. *Equivalent to entrance German A.*

Elective for Freshmen.

Mon., Fri., 10.30, Wed., 3, Barrett 3, PROFESSOR EASTMAN.

3, 4. Prose composition, with review of grammar; reading of modern prose; Schiller and Goethe: a representative work of each author; composition and free reproduction. *Equivalent to entrance German B.*

Elective for Freshmen.

Thu., Fri., 9.30, Tu., 3, Barrett 4, PROFESSOR MANTHEY-ZORN.

5a. Goethe's dramas; lectures and essays.

Elective for Freshmen.

Tu., Sat., 8.35, Wed., 2, Barrett 3, PROFESSOR EASTMAN.

5b. The German drama of the nineteenth century; Kleist, Grillparzer, Hebbel; lectures and essays.

Elective for Freshmen.

Tu., Sat., 9.30, Thu., 3, Barrett 4, PROFESSOR MANTHEY-ZORN.

6. Goethe, *Faust*; lectures on the history of the Faust legend; Goethe's life; essays.*Elective for Freshmen.*

A. Tu., Sat., 8.35, Wed., 2, Barrett 3, PROFESSOR EASTMAN.

B. Tu., Sat., 9.30, Thu., 3, Barrett 4, PROFESSOR MANTHEY-ZORN.

7, 8. The German novel of the nineteenth century.

Elective for Sophomores.

Mon., Wed., 9.30, Fri., 3, Barrett 3, PROFESSOR EASTMAN.

9, 10. Modern German drama.

Elective for Sophomores.

(Omitted in 1919-1920.)

Courses 9, 10 are given in alternate years with courses 7, 8.

PROFESSOR MANTHEY-ZORN.

11. Middle High German; grammar; reading of selections from the *Nibelungenlied*.*Elective for Juniors.*

(Two semesters in addition to 5 and 6 requisite.)

PROFESSOR EASTMAN.

12. Middle High German; Walther von der Vogelweide and other minnesingers.

Elective for Juniors.

German 11 requisite.

PROFESSOR EASTMAN.

13, 14. The German drama of the seventeenth and eighteenth centuries.

Elective for Seniors.

PROFESSOR MANTHEY-ZORN.

NOTE.—A major in German may consist of two years of German and Music 5, 6.

GREEK

1, 2. Course for beginners. An introduction to the Greek language and literature. Xenophon, *Memorabilia*; reading on Greek thought and culture.

Elective for Freshmen.

Thu., Fri., 9.30, Wed., 10.30, Tu., 3, Williston 3, MR. AGARD.

3, 4. Course for students continuing Greek 1, 2. Selections from Herodotus and Thucydides and a study of the Athenian commonwealth; Homer, *Iliad*.

Elective for Freshmen.

A. Mon., Wed., 8.35, Fri., 2, Chapel 1, MR. AGARD.

B. Tu., Thu., Sat., 11.30, Chapel 1, MR. BROWN.

5. Homer, *Odyssey*.

Elective for Freshmen.

Mon., Fri., 10.30, Tu., 11.30, Wed., 3, Williston 3, MR. AGARD.

6. Plato, *Apology* and *Crito*.

Elective for Freshmen.

Mon., Fri., 10.30, Tu., 11.30, Wed., 3, Williston 3, MR. AGARD.

7. Greek tragedy.

Elective for Sophomores.

Mon., Wed., Fri., 11.30, Chapel 1, MR. BROWN.

8. Aristotle, *Ethics*.

Elective for Sophomores.

Mon., Wed., Fri., 11.30, Chapel 1, MR. BROWN.

9, 10. Greek tragedy and comedy.

Elective for Juniors.

Mon., Wed., Fri., 11.30, Library, PROFESSOR SMITH.

11, 12. Greek civilization.

Elective for Sophomores only.

Mon., Wed., 8.35, Fri., 2, Williston 3, PROFESSOR SMITH.

HISTORY

1, 2. An introduction to history; its method and problems; the middle ages and the sixteenth century.

Elective for Sophomores.

Thu., Fri., 8.35, Tu., 2, Walker 12, PROFESSORS GALLINGER, BARKER and TAWNEY.

3. Modern European history, 1648-1815; the age of Louis XIV; the rise of Prussia and Russia; the enlightened despots; the French Revolution; the Napoleonic Wars.

Elective for Juniors.

Mon., Wed., 8.35, Fri., 2, Walker 12, PROFESSOR GALLINGER.

4. Modern European history since 1815; the reconstruction of Europe; the revolution of 1848; the unification of Italy and Germany; social and industrial progress; the expansion of Europe; the historical background of the war of 1914-1918.

Elective for Juniors.

Mon., Wed., 8.35, Fri., 2, Walker 12, PROFESSOR GALLINGER.

5. English history, 1066-1689; the growth of the constitution; the Reformation; the Puritan Revolution; the Restoration; the Revolution of 1689.

Elective for Juniors.

Tu., Sat., 8.35, Wed., 2, Library, PROFESSOR GALLINGER.

6. English history since 1689; the development of cabinet government; the struggle with France; the industrial revolution; the expansion of England.

Elective for Juniors.

(For History 5, 6 either History 1 or History 3, as in 1918-1919 catalogue, is requisite.)

Tu., Sat., 8.35, Wed., 2, Library, PROFESSOR GALLINGER.

7, 8. The age of the Renaissance.

Elective for Juniors.

Tu., Sat., 10.30, Thu., 2, Walker 14, PROFESSOR THOMPSON.

9. General history of the United States to about 1829.

10. General history of the United States since 1829.

Elective for Seniors.

Tu., Sat., 8.35, Wed., 2, Walker 14, PROFESSOR THOMPSON.

11, 12. The control of social development. A study in historical terms of the modern problem of politics and industry.

Elective, with the consent of the instructors, for Seniors.

PROFESSORS HAMILTON, STEWART, BARKER and TAWNEY.

HISTORY OF RELIGION AND BIBLICAL LITERATURE

1, 2. The history of religions.

Elective for Seniors.

Thu., Fri., 9.30, Tu., 3, Walker 12, PROFESSOR FITCH.

HYGIENE AND PHYSICAL EDUCATION

All Freshmen, and all students entering with advanced standing, who have no credit in hygiene, are required to take personal hygiene.

A. Elementary division in gymnastics, athletics, aquatics and games.

(Required of Juniors, Sophomores, and Freshmen who have not been promoted to B.)

B. Intermediate division in gymnastics, athletics, aquatics and games.

(Required of Juniors, Sophomores, and Freshmen who are in neither A nor C.)

C. Advanced division in gymnastics, athletics, aquatics and games, boxing, wrestling and fencing.

(Required of Juniors, Sophomores, and Freshmen who have been promoted to C, but have not been granted privilege of election in athletics on the basis of examination.)

ITALIAN

1, 2. Pronunciation, grammar, translation. Stories by De Amicis, Castelnovo, Farina, Verga, Fucini, and Serao; Manzoni, *I Promessi Sposi*.

Elective for Freshmen.

Thu., Fri., 9.30, Tu., 3, Barrett 6, PROFESSOR BAXTER.

3, 4. Reading, composition, and lectures on the history of Italian literature. Selected tales from Boccaccio, *Decamerone* (Fornaciari); Ariosto, *Orlando Furioso* (Papini); Castiglione, *Il Cortegiano* (Cian).

Elective for Sophomores.

Tu., Sat., 10.30, Thu., 2, Barrett 6, PROFESSOR BAXTER.

LATIN

A, B. Vergil, *Æneid*, Books I–VI.

This course continues through two semesters.

Elective for those only who do not present Latin 5 at entrance.

Thu., Fri., 9.30, Tu., 3, Chapel 6, PROFESSORS BENNETT and LITCHFIELD.

1. Tacitus, *Germania*; selections from the *Letters* of Cicero; Livy, selections, three hours a week; Cicero, written sight translation of selections from *De Amicitia* or *De Senectute*, one hour a week, with personal interviews with the instructor.

2. Horace, selections from the *Odes* and *Epodes*.

Elective for Freshmen.

A. Mon., Tu., Wed., 8.35, Fri., 2, Williston 4, PROFESSOR COWLES.

B. Tu., 10.30, Mon., Wed., Fri., 11.30, Chapel 2, PROFESSORS BENNETT and COWLES.

C. Tu., Sat., 8.35, Wed., Thu., 2, Chapel 6, PROFESSOR LITCHFIELD.

D. Wed., Thu., Fri., 10.30, Mon. 2, Chapel 2, PROFESSOR BENNETT.

3. Plautus, *Trinummus*; Terence, *Adelphoe*, with lectures on the Roman theatre, the origin and development of the Latin drama, and its influence on later writers. Especial attention will be given to the vocabulary, ante-

classical forms, constructions, and the value of Roman comedy to the philologist and the student of Roman life; selections from Catullus and other Roman poets.

4. Tacitus, *Agricola*; selections from the *Letters* of Pliny the Younger. A study of the times in relation to the literature of this period; characteristics of Silver Age Latinity; illustrated lectures on Roman life and monuments.

Elective for Sophomores.

Mon., Fri., 10.30, Wed., 3, Williston 4, PROFESSOR COWLES.

5. Roman society under the Republic: Vergil, *Georgics*; Horace, *Satires* and *Epistles*. Studies of Roman experience in religious, educational, social, and economic problems; lectures, discussions and reports, prescribed reading.

Elective for Juniors.

Mon., Wed., 9.30, Fri., 3, Library, PROFESSOR LITCHFIELD.

6. Roman society under the Early Empire. Tacitus, *Annals*; Petronius; Juvenal.

Elective for Juniors.

Mon., Wed., 9.30, Fri., 3, Library, PROFESSOR LITCHFIELD.

7. The Roman epic. Vergil, *Æneid*, Books VII–XII. Development of epic poetry among the Romans, with especial emphasis on its national character. Lectures, prescribed reading, reports and discussions on the historical and literary aspects of the *Æneid*.

Elective for Juniors.

Mon., Wed., Fri., 11.30, Williston 4, PROFESSOR COWLES.

8. Lucretius. Selected books from the *De Rerum Natura*, with especial attention to its philosophic content and literary characteristics. Prescribed reading, lectures, individual reports and discussions on philosophic and scientific problems presented by the poem.

Elective for Juniors.

Mon., Wed., Fri., 11.30, Williston 4, PROFESSOR BENNETT.

9, 10. Roman civilization. Assigned reading, lectures, discussions, and reports.

Elective for Sophomores.

9. The Roman theory of the State. Development of Roman political institutions, with their relation to economic and social forces. Studies in the practical operation of the constitution of the Republic and the Early Empire.

Mon., Wed., 8.35, Fri., 2, Chapel 2, PROFESSOR BENNETT.

10. Rome and the individual. Studies in the development of Roman education, art, religion and ethics, character and ideals, mainly with reference to their significance for modern life.

Mon., Wed., 8.35, Fri., 2, Chapel 6, PROFESSOR LITCHFIELD.

MATHEMATICS

1. Lines, planes and angles in space, problems in mensuration of solids; plane trigonometry.

2. Topics from advanced algebra; introduction to analytical geometry.

Required course for Freshmen.

A. Mon., Tu., Thu., 10.30, Wed., 3, Walker 2, PROFESSORS COBB and ESTY.

B. Mon., Wed., 8.35, Tu., 11.30, Fri., 2, Walker 5, PROFESSOR OLDS.

C. Thu., Fri., 9.30, Wed., 10.30, Tu., 3, Walker 2, PROFESSOR ESTY.

D. Mon., Wed., 8.35, Thu., 10.30, Fri., 2, Walker 2, PROFESSOR COBB.

E. Mon. Wed., Fri., 11.30, Thu., 2, Walker 2, PROFESSOR COBB.

Those who at entrance have credit by *examination* for Mathematics B, D and F are not required to take mathematics in college. If they desire to continue the subject, they should elect Mathematics 11 and 2.

Those who at entrance have credit by *certificate* for Mathematics B, D and F, and those who have presented for admission one point of advanced mathematics consisting of either Mathematics B and F or Mathematics D and F, are required to take a year of mathematics in college and should elect Mathematics 11 and 2.

Those who have presented for admission one-half point of credit in advanced mathematics, or one point consisting of Mathematics B and D, are required to take Mathematics 1 and 2.

3. Analytical geometry continued; introduction to calculus.

Elective for Sophomores.

Mon., Wed., Fri., 11.30, Walker 5, PROFESSOR OLDS.

4. Differential and integral calculus.

Elective for Sophomores.

Mon., Wed., Fri., 11.30, Walker 5, PROFESSOR OLDS.

5. Calculus continued; introduction to differential equations.

Elective for Juniors.

Mon., Wed., 9.30, Fri., 3, Walker 5, PROFESSOR OLDS.

6. Vector analysis, with special application to analytical mechanics.

Elective for Juniors.

Mon., Wed., 9.30, Fri., 3, Walker 5, PROFESSOR ESTY.

7. Analytical mechanics continued.

Elective for Seniors.

Thu., Fri., 8.35, Tu., 2, Walker 2, PROFESSOR ESTY.

10. Introduction to the theory of functions.

Elective for Seniors.

Thu., Fri., 8.35, Tu., 2, Walker 2, PROFESSOR COBB.

DESCRIPTIVE GEOMETRY AND DRAWING

11. Elements of descriptive geometry, drawing and lettering.

Elective for Freshmen.

Three class-room exercises and six hours of drawing per week.

MR. PARKER.

14. Mechanical drawing; shades and shadows.

Elective for Freshmen.

Nine hours per week.

MR. PARKER.

MUSIC

1, 2. Theory of music; harmony.

Elective for Sophomores.

Tu., Sat., 10.30, Music Room, PROFESSOR BIGELOW.

(Chorus, Mon., 7, Sun., 11.50. Orchestra, Mon., 7.30, Thu., 7.)

3, 4. The art of music, its development and forms; appreciation of masterpieces; studies in aesthetic.

Elective for Sophomores.

Chorus and orchestra as above. (1, 2 not prerequisite.)

Mon., Wed., 9.30, PROFESSOR BIGELOW.

5, 6. The music dramas of Richard Wagner. *Die Meistersinger, Der Ring des Nibelungen, Parsifal*, etc., as time may permit.

Elective for Juniors.

This course may be used to complete a major in either Music or German.

Pianos and a large orchestrelle are placed at the disposal of students taking these courses.

(Omitted in 1919-1920.)

PROFESSOR BIGELOW.

7, 8. Chorus and orchestra.

Chorus, Mon., 7, Sun., 11.50. Orchestra, Mon., 7.30, Thu., 7.

During the college year 1919-1920 two choral works will be given by the combined choruses and orchestras of Amherst and Smith Colleges.

Two rehearsals, amounting to an average of three hours a week, are required, the same number of absences being allowed as in any other course. Students from all classes may become members of the orchestra or chorus and receive credit as follows: four semesters of such work is credited as a semester course; less than two consecutive semesters is not counted. Students may substitute oratorio credit for one regular course in the last semester of the four required for credit, provided the course so replaced is not a required course or a major.

COLLEGE CHOIR

Students who have good voices and have had experience in singing may become members of the choir, whenever

there are vacancies. They receive remuneration for their services, in return for which a faithful performance of duty is required.

The duties of the choir are to lead singing daily at the morning exercise in the Chapel and at the Sunday morning service, and to attend such choir and choral rehearsals as may be appointed.

PHILOSOPHY

1. Ethics. A study of the nature and significance of conduct.

Elective for Sophomores.

Thu., Fri., 9.30, Tu., 3, Walker 8, PROFESSOR AYRES.

2. Logic. A study of the aims and methods of thinking.

Elective for Sophomores.

Thu., Fri., 9.30, Tu., 3, Walker 8, PROFESSOR MEIKLEJOHN.

3, 4. History of Philosophy.

Elective for Juniors.

Thu., Fri., 9.30, Tu., 3, Walker 10, PROFESSOR WARBEKE.

5, 6. Philosophy of religion.

Elective for Seniors.

PROFESSOR WARBEKE.

7. Studies in Kant.

Elective, with the consent of the instructor, for Seniors.

PROFESSOR AYRES.

8. Studies in Plato and Aristotle.

Elective, with the consent of the instructor, for Seniors.

PROFESSOR MEIKLEJOHN and MR. BROWN.

PHYSICS

1, 2. Elementary mechanics; equilibrium and motion of solids, liquids and gases; capillarity, and molecular forces; heat; electricity and magnetism; sound and light.

Elective for Sophomores.

Physics 1, 2 is also open to those Freshmen who have credit for Mathematics F (plane trigonometry), and to those who wish to take

the subject for two or three years, and who satisfy the department that they are prepared for the work.

Mon., Fri., 10.30, Wed., 3, Physics Laboratory, PROFESSORS KIMBALL and J. O. THOMPSON and MR. BLISS.

Fee, \$5.00 each semester.

The following courses are open to students who are credited with Physics 1, 2:

3. Electricity, magnetism, and electrical measurements.

Tu., Thu., Sat., 11.30, Physics Laboratory, PROFESSOR J. O. THOMPSON.

Fee, \$5.00.

4. Diffraction and polarized light, heat and elementary thermodynamics.

Tu., Thu., Sat., 11.30, Physics Laboratory, PROFESSOR KIMBALL.

Fee, \$5.00.

5. Electric discharge through gases; radioactivity and electric waves. Electron theory of matter.

Mon., Wed., Fri., 11.30, Physics Laboratory, PROFESSOR KIMBALL.

Fee, \$5.00.

6. Dynamo-electric machinery, and theory of alternating currents of electricity.

Mon., Wed., Fri., 11.30, Physics Laboratory, MR. BLISS.

Fee, \$5.00.

POLITICAL SCIENCE

1. American national government. The historical background of the Federal Constitution and of political issues in the United States, and the organization and functions of the Federal Government. Especial attention is given to the position of the United States in foreign affairs.

Elective for Juniors.

Mon., Wed., 8.35, Fri., 2, Walker 13, PROFESSOR GETTELL.

2. American state and local government. The relations of the American commonwealths to one another and to the

Union, and the organization and functions of government in American commonwealths, dependencies, rural local units, and cities.

Elective for Juniors.

Mon., Wed., 8.35, Fri., 2, Walker 13, PROFESSOR GETTELL.

3. Principles of political science. The fundamental nature of the state, of government, sovereignty, liberty and law; a consideration of the relation of state to individual and of state to state, and a classification of states and governments.

Elective for Seniors.

Thu., Fri., 8.35, Tu., 2, Walker 13, PROFESSOR GETTELL.

4. Comparative European government. A comparative study of the organization and actual working of government in the leading states of Europe. Especial attention is given to England, France, Germany, Italy, Switzerland, and Austria-Hungary.

Elective for Seniors.

Thu., Fri., 8.35, Tu., 2, Walker 13, PROFESSOR GETTELL.

5. Municipal government. The nature and growth of cities, the organization of municipal government, and the functions of municipal administration. Particular attention is given to recent tendencies in American city government.

Elective, with the consent of the instructor, for Seniors.

Mon., Wed., Fri., 11.30, Walker 13, PROFESSOR GETTELL.

6. International Law. The historical development of relations among states, and the principles and practices of international intercourse.

Elective, with the consent of the instructor, for Seniors.

Mon., Wed., Fri., 11.30, Walker 13, PROFESSOR GETTELL.

7, 8. The control of social development. A study in historical terms of the modern problem of politics and industry.

Elective, with the consent of the instructors, for Seniors.

PROFESSORS HAMILTON, STEWART, BARKER and TAWNEY.

NOTE. This course is the same as History 11, 12.

PUBLIC SPEAKING

1. Fundamentals of oral expression, including reading and informal speaking. This course is conducted as a part of English A.

Required of all Freshmen.

PROFESSORS CHURCHILL and WHICHER and DR. POWELL.

2. Individual and class instruction in the fundamentals of oral expression, reading, and informal speaking, continuing the work of Freshman year, and in one or more of the following (the student to choose): informal business speeches, poetic and dramatic reading, declamation, argumentation, debating, oratory.

Emphasis is laid at all times upon content as well as form, and original work rather than mere declamation is encouraged.

Required of all Sophomores.

DR. POWELL.

SOCIAL AND ECONOMIC INSTITUTIONS

1. A study of social and political institutions and problems intended to serve as an introduction to courses in history and political science.

Elective for Freshmen only.

Tu., Sat., 8.35, Wed., 2, Walker 8, PROFESSOR GETTELL and MR. PHILLIPS.

2. A study of social and economic institutions and problems intended to serve as an introduction to courses in economics and philosophy.

Elective for Freshmen only.

Tu., Sat., 8.35, Wed. 2, Walker 8, PROFESSOR HAMILTON and MR. PHILLIPS.

SPANISH

1, 2. Pronunciation, grammar, composition, translation, conversation.

Elective for Freshmen.

These courses may not be taken in the same year with Italian 1.

Mon., Wed., 8.35, Fri., 2, Barrett 6, PROFESSORS BAXTER and MACKIMMIE.

3, 4. Spanish literature of the sixteenth and seventeenth centuries; the novel, the drama, and the ballads.

Elective for Freshmen.

Mon., Wed., 9.30, Fri., 3, Barrett 6, PROFESSOR BAXTER.

5, 6. Continuation of the study of the modern novel and drama. Spanish drama of the seventeenth century. Spanish commercial correspondence.

Elective for Sophomores.

(3, 4, or the equivalent, requisite.)

Mon., Fri., 10.30, Wed., 3, Barrett 6, PROFESSOR BAXTER.

LIST OF ELECTIVES

A course scheduled as an elective for one class is open to members of any higher class, unless otherwise stated.

	<i>Freshmen</i>	<i>Sophomores</i>	<i>Juniors</i>	<i>Seniors</i>
Biology.....	1, 2	3, 4	5, 6, 7, 8	9, 10
Chemistry.....	1, 2	3, 4	5, 6, 7, 8	9, 10
Economics.....	....	....	1, 2, 3, 4	5, 6, 7, 8, 9 10, 11, 12, 13, 14
English.....	....	1, 2	3, 4, 5, 6 7, 8, 9, 10	11, 12
French.....	1, 2, 3, 4, 5, 6	7, 8, 9, 10	....	....
Geology.....	†1, 2	....	3, 4, 5, 6	7, 8
German.....	1, 2, 3, 4, 5, 6	7, 8, 9, 10	11, 12	13, 14
Greek.....	1, 2, 3, 4, 5, 6	7, 8, *11, 12	9, 10	....
History.....	....	1, 2	3, 4, 5, 6, 7, 8	9, 10, 11, 12
History of Religion and Biblical Literature..	....	....	....	1, 2
Italian.....	1, 2	3, 4	....	....
Latin.....	A, B, 1, 2	3, 4, 9, 10	5, 6, 7, 8	....
Mathematics.....	11, 14	3, 4	5, 6	7, 10
Music.....	7, 8	1, 2, 3, 4	....	....
Philosophy.....	....	1, 2	3, 4	5, 6, 7, 8
Physics.....	....	†1, 2	3, 4, 5, 6	....
Political Science.....	....	....	1, 2	3, 4, 5, 6, 7, 8
‡Social and Economic Institutions.....	1, 2	....	....	....
Spanish.....	1, 2, 3, 4	5, 6	....	....

* For Sophomores only.

† See footnote, page 66.

‡ For Freshmen only.

LECTURESHIPS

THE HENRY WARD BEECHER LECTURESHIP

This lectureship was founded by Frank L. Babbott, M.A., of the Class of 1878, in honor of Henry Ward Beecher, of the Class of 1834. The incumbent is appointed annually by the Faculty for supplementary lectures in the Departments of History and the Political, Social, and Economic Sciences.

THE CLYDE FITCH FUND

A fund of twenty thousand dollars was established by Captain and Mrs. W. G. Fitch of New York in memory of their son, Clyde Fitch, of the Class of 1886. The income of this fund is to be used for the furtherance of the study of English literature and dramatic art and literature. The whole or part of this income is usually devoted to the remuneration of an eminent lecturer, who may also take a part in the regular instruction of the College.

WILLIAM BREWSTER CLARK MEMORIAL LECTURESHIP

This lectureship is given by Fanny H. Clark and W. Evans Clark in memory of William Brewster Clark, M.D., of the Class of 1876. Four or more lectures are given each year on the Modern Point of View. The purpose of the donors is "to assist the College in throwing light in a genuinely scientific spirit on the relation of present-day research, discovery, and thought to individual and social attitude and policy."

ADMINISTRATION

TERMS AND VACATIONS

The academic year includes thirty-six weeks of term time, divided into the autumn, winter, and spring terms. There is a Christmas Recess of two weeks, a Spring Recess of eight days, and a Summer Vacation of thirteen weeks. Commencement Day is the Wednesday before the last Wednesday in June. Courses of study are arranged by semesters of eighteen weeks each.

ADVISERS

In the course of the year a member of the Faculty will be assigned to each member of the Freshman class as his adviser, and the student will be expected to consult him as to his course in general, and upon any other subject related to his college life whenever he feels the need.

ATTENDANCE AT COLLEGE EXERCISES

The officer in general charge of matters concerning attendance on college exercises is the Dean of the College.

Attendance at class exercises is administered subject to the general regulation that a student is allowed in every course a number of absences which may not exceed one-tenth of the number of exercises in that course.

In case he exceeds this allowance, he incurs a penalty of reduction in grade for the first offence, and for a second offence exclusion from the course for the remainder of the semester.

All students are required to be present at the chapel exercises conducted by the President and other members of the faculty every week-day morning at quarter past eight o'clock in Johnson Chapel. At the Sunday service, held

every Sunday in term time at a quarter before eleven o'clock in the College Church, all students not excused to attend elsewhere are required to be present. A communion service is held in the College Church three times during the year. Absences from chapel exercises are allowed upon an average of one a week for each semester; from the Sunday services, four absences are allowed each semester. Any student, on application to the Dean, may be excused from attending services at the College Church, in order to attend church service elsewhere with the denomination of his choice. If the student is under twenty-one years of age, his application must be accompanied by a written request from his parent or guardian.

HEALTH AND PHYSICAL DEVELOPMENT

The officer having general supervision of student health and physical development is the College Physician.

The Department of Hygiene and Physical Education is under the charge of the College Physician, who keeps himself acquainted with the health of the students. Each student soon after he enters College, and twice thereafter during his course, if he so desires, is given a careful physical examination and advised how to maintain his health and increase his physical efficiency.

Three hours a week of physical exercise are required of the Freshman, Sophomore, and Junior Classes until the spring recess.

During the autumn the prescribed work is taken outdoors on Hitchcock Field.

In the natatorium instruction is given in swimming. Every student who on entering College cannot swim is required to learn during the first year, and before the end of Sophomore year to pass the college requirements in swimming, i.e. 200 yards.

The results of this system of prescribed physical train-

ing, as shown by statistics systematically kept for more than fifty years, are eminently satisfactory.

An annual inspection is made of all fraternity houses with respect to their sanitary condition and safety in case of fire.

The College has an infirmary (see p. 100) for the treatment of illness or disabling accidents among the students. It is in charge of the College Physician in all matters except treatment, for which any student is at liberty to employ a physician of his own choice. The arrangements provide surgical appliances for emergency cases, and isolation and treatment of infectious diseases. The matron, a graduate nurse, is ready at all hours during term time to relieve ill or disabled students, and to provide for their necessities pending any arrangements for special treatment.

Every case of illness, whether the student goes to the infirmary or not, must be immediately reported to the College Physician.

SCHEDULES, RECORDS, AND REPORTS

The officer in charge of records and reports is the Recorder of the College.

For the convenience of members of the College there is provided a printed schedule of all class exercises, a synopsis of courses for use when the election of studies is being made, and a set of rules and requirements that relate to the internal life of the College. These, together with copies of the Annual Catalogue, may be obtained at the Recorder's office.

Every student, upon admission to College, is given an Undergraduate Course Book in which is kept a record of his work in College. This course book is returned to the Recorder twice a year for additional records and verification.

Reports of standing are made after each semester by the Recorder. Rank in each subject is reported as follows:

A, 90-100 per cent; B, 80-89 per cent; C, 70-79 per cent; D, 60-69 per cent; E, 50-59 per cent; F, below 50 per cent. The passing grade in all courses is 60 per cent, and an average grade in all courses of at least 70 per cent is required for a degree.

The average grade for each semester and the general average for all semesters are reported on the percentage basis.

EXPENSES

All communications concerning tuition, fees, and rental of rooms should be made to the Treasurer of the College.

TUITION

The charge for tuition is one hundred and forty dollars a year, of which eighty dollars is required in advance at the beginning of the first semester, and sixty dollars at the beginning of the second semester. This includes use of the library and gymnasium, and all ordinary incidentals.

Beginning with the academic year, 1920-1921, the tuition will be two hundred dollars a year, of which one hundred and fifteen dollars will be required in advance, and eighty-five dollars at the beginning of the second semester.

Announcement will be made later of changes in the system of scholarship awards necessitated by the increase in tuition fee.

Every member of the Senior class is required to pay a graduation fee of six dollars at the beginning of the second semester of Senior year.

The tuition for candidates for the degree of Master of Arts is at the rate of fifty dollars for a year course.

LABORATORY FEES

The following fees are charged in connection with the laboratory courses in biology, chemistry, and physics:

Biology	{	First year, each semester	\$5.00
		Second and third years, each semester	5.00
		Seniors in special laboratory courses, each semester	5.00
Chemistry	{	First year, first semester	5.00
		First year, second semester	4.00
		Second, third, and fourth years, each semester	10.00
Physics	{	First year, each semester	5.00
		Second and third years, each semester	7.00

These fees must be paid after the classes have been organized. Dues for breakage must be paid at the close of the semester.

ROOMS AND BOARD

The dormitories of the College accommodate about two hundred students, and the fraternity houses about two hundred and fifty.

The arrangement of rooms in the dormitories is such that they may be rented singly or in suites consisting of a study and either one or two bedrooms. All rooms are heated with steam and lighted with electricity, and most of them are provided with open fireplaces.

Plans showing the arrangement of rooms in the various dormitories, together with a detailed statement of prices, may be obtained from the Treasurer of the College.

A student who is occupying a dormitory room is allowed until the first Monday in May to reëngage it for the succeeding year. After that date, members of the College may draw for choice of unengaged rooms in the following order: on the Tuesday following, members of the incoming Senior class; on the Thursday following, members of the incoming Junior class; and on the Friday following, mem-

bers of the incoming Sophomore class. After the last date rooms will be rented as called for; or they may be reserved for members of the incoming Freshman class.

A payment of ten dollars is required when a room is engaged, this amount being credited on the account for the first semester. The balance of one-half of the yearly rental is payable before the opening of the first semester and the second half before the opening of the second semester. Payment of the amount due each semester must precede registration.

Dormitory rooms may be rented only for the entire academic year even in cases of withdrawal from College. Applicants who are rejected at the June examinations will be released from their contracts, and deposits made to secure rooms will be refunded on written request to the Treasurer before July 15. After the June examinations all applicants who engage rooms will be held responsible for the year's rental.

Dormitory rooms may be occupied on the Monday of the week in which the autumn term opens.

The prices charged for rooms include heat, water, and care by janitors. Electricity used in the rooms is paid for by the occupants at the close of each term. The range of prices is as follows:

Single rooms from \$55 to \$95 a year.

Study and one bedroom from \$100 to \$180 a year.

Study and two bedrooms from \$200 to \$225 a year.

Rooms may also be rented in private houses.

Board is furnished at the College Commons and at various places in the town at prices which range from eight dollars to nine dollars a week.

SUMMARY

The following table shows three scales of annual expenditures, not including clothing, vacation expenses, labora-

tory charges, membership in student organizations, and incidentals:

Tuition	\$140.00	\$140.00	\$140.00
Room (one-half)	42.50	55.00	112.50
Furniture (annual average)	10.00	20.00	30.00
Board thirty-six weeks	288.00	306.00	324.00
Fuel and light	10.00	15.00	25.00
	<hr/>	<hr/>	<hr/>
	\$490.50	\$536.00	\$631.50

For the use of the College Infirmary (see p. 96), each patient is charged a sum sufficient to defray necessary expenses. Provision is made for a limited number of patients by funds given in aid of needy and worthy students, one in memory of Rev. Edmund K. Alden, D.D., of the Class of 1844, and one in memory of Rev. Thomas P. Field, D.D., of the Class of 1834.

HONORS

COMMENCEMENT EXERCISES

From the fifteen Seniors who have attained the highest general standing at the end of the first semester of Senior year, four are selected upon the basis of literary and oratorical merit, to deliver orations on Commencement Day. The Bond prize of one hundred dollars is awarded to the speaker who delivers the best oration.

THE BOND FIFTEEN FOR 1919

Franklin Fifield Bailey	Leonard Page Moore
Pierre Rizzi Bretey	Ernest Mutschler
Arthur Frank Brown	Charles Scott Porter
John Knox Archibald Brown	Halvor Richardson Seward
Allyn Bailey Forbes	Elmer Gillam Smith
Karl Eugene Gerarden	Philip Huntley Stacy
Marcus Philip Kiley	Joseph Francis Vogelius, Jr.
Warren Leonard Marks	

The Bond prize speaking contest was omitted in 1919.

THE PHI BETA KAPPA SOCIETY

Those who, at the end of the second term of Junior year, have attained a grade of 88 per cent are entitled to nomination by the Faculty to membership in the Phi Beta Kappa Society; such nomination is open also to those who, at the end of the second term of the Senior year, have attained a grade of 85 per cent.

PHI BETA KAPPA, 1919

President: Professor THOMAS CUSHING ESTY, M.A.

Corresponding Secretary: Professor HARRY DE FOREST SMITH, M.A.

Recording Secretary: RALPH ALONZO BEEBE.

First Drawing, Class of 1920

Ralph Alonzo Beebe

Gerald Anthony Judge

Theodore Lincoln Buell

Charles Rader Lowther

Francis Trowbridge Cooke

Paul Augustus Rauschenbusch

Second Drawing, Class of 1919

Arthur Frank Brown

Leonard Page Moore

John Knox Archibald Brown

Joseph Francis Vogelius, Jr.

Warren Leonard Marks

FINAL HONORS AT GRADUATION

Final honors in a single department of study are awarded for special work involving collateral reading or investigation under the following conditions:

(1) The candidate must complete at least four advanced semester courses in connection with two of which special work of collateral reading or investigation must be done. No student may be a candidate in more than one department, except by vote of the Administration Committee.

(2) The candidates must have at graduation an average standing of not less than 80 per cent in all studies of the college course; an average standing of not less than 75 per cent in each study of Senior year, and of 90 per cent in the last year of study in the department in which the honor is sought.

(3) The proficiency of the candidate is tested by special examination or by thesis, or by both, at the end of Senior year.

(4) Application should be made at the Recorder's office as soon as possible after the beginning of the Senior year.

One unit is added to the total average rank of a student who takes final honors. If honors are taken in more than one department, only one unit is added.

The names of successful candidates are announced at Commencement and in the annual catalogue.

FINAL HONORS, 1918-1919

Arthur Frank Brown
Ernest Mutschler

Geology
German

HONORABLE MENTION

Honorable mention is awarded in the various departments under the following conditions:

(1) There must be a standing of not less than 75 per cent in every department for the year.

(2) An average of 93 per cent must be maintained for a full year's course in the department in which honorable mention is sought.

The names of those who have honorable mention are announced in the annual catalogue.

HONORABLE MENTION

1918-1919

Biology

1919	Franklin Fifield Bailey	1920	Stephen P. Mizwa
1919	Pierre Rizzi Bretey	1920	Paul Augustus Rauschenbusch
1919	Herman Marluk Wessel	1922	Carroll Morton Hollister
1920	Gerald Anthony Judge	1922	Leonard North Seymour

Chemistry

1919	Thomas Palm Pitré	1922	Edward Cook Caldwell
1922	Sidney Warren Andrews		

English

1920	Gerald Anthony Judge	1922	Carroll Morton Hollister
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French

1919	Pierre Rizzi Bretey	1922	Edward Cook Caldwell
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Geology

1919	Arthur Frank Brown
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German

1919	Ernest Mutschler	1921	Carlton Farrar Heard
1920	Stephen P. Mizwa	1922	David Arthur Straight
1921	Carroll Capen Bailey		

Greek

1919	Arthur Frank Brown	1922	Robert Helyer Thayer
1920	Francis Trowbridge Cooke		

History

1919	Ernest Mutschler	1921	Edwin Willard Harmon
1920	Stephen P. Mizwa	1921	James Harold Merrick
1921	William Smith Clark		

History of Religions

1919	Allyn Bailey Forbes
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Latin

1920	Francis Trowbridge Cooke	1922	Stewart Burton Nichols
1920	Stephen P. Mizwa	1922	Karl Rauschenbusch
1921	William Smith Clark	1922	Leonard North Seymour
1921	James Harold Merrick	1922	Horace Carlton Winch
1922	Edward William Eames		

Mathematics

1920	Theodore Lincoln Buell	1921	Carlton Farrar Heard
1920	Thomas Hope Johnson	1921	George Whipple King, Jr.
1920	Willard Long Thorp	1921	Myron Howe Smith
1921	Carroll Capen Bailey	1922	Carroll Morton Hollister
1921	Robert Percy Barnes	1922	Stewart Nichols
1921	Arthur Proctor Black	1922	David Arthur Straight

Political Science

1919	Allyn Bailey Forbes
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Social and Economic Institutions

1922	Carroll Morton Hollister
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Spanish

1919	Franklin Fifield Bailey	1920	Francis Trowbridge Cooke
1919	Arthur Frank Brown		

FELLOWSHIPS

THE ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

Of two hundred and fifty dollars, offered by the Alpha Delta Phi Fraternity, is awarded annually, under conditions determined by the Faculty, to a member of the Senior class for excellence in history and the social and economic sciences. The holder of the Fellowship pursues for one year, at an institution approved by the Faculty, a course of study in history or economics, to be completed within the period of two years next following graduation. The amount of the Fellowship is paid in two instalments, one on completion of one-half the year's work, the other at the end of the year.

THE RUFUS B. KELLOGG UNIVERSITY FELLOWSHIP

The gift of the late Rufus B. Kellogg of the Class of 1858 awards the income of about thirty thousand dollars for seven years to an alumnus of Amherst College, who shall be appointed upon the following conditions:

(1) He shall be elected by the Faculty from the members of the class graduated at the close of the academic year in which this election shall be made, or from the members of the classes graduated in the six years immediately preceding the academic year in which this election shall be made.

(2) The Faculty shall select as the incumbent of the said Fellowship the man who, in their judgment, is best equipped for study and research, without regard to any other consideration whatsoever, except that he shall have an especially good knowledge of the Latin and German languages.

(3) The first three years of the term of seven years the incumbent shall spend at a German university (or with the approval of the Faculty of Amherst College, at any other place or places), in the study of philosophy, philology, literature, history, political science, political economy, mathematics, or natural science. The last four years of the term of seven years shall be spent as a lecturer at Amherst College. But the incumbent shall not give more than thirty lectures per annum, and shall not be required to reside at Amherst more than one college term of any year. The lectures shall be upon a subject selected by himself and approved by the Trustees; and the incumbent shall cause the lectures to be published at the end of his official term in good book form. He shall have no occupation or employment during the period of his Fellowship, except such as pertains to the duty of his Fellowship.

THE EDWARD HITCHCOCK FELLOWSHIP

Of five hundred dollars, was founded by the late Mrs. Frank L. Babbott of Brooklyn, N. Y., to promote graduate study in the department of physical education. Its object is to make the student familiar with the best methods of physical training, both in the gymnasium and on the field. The appointment is made by the Faculty.

THE SOUTH END HOUSE FELLOWSHIP

Of about five hundred dollars, is provided by alumni of Boston and vicinity. The incumbent is in residence one year at the South End House, Boston, for the purpose of investigating social conditions and rendering service according to the methods of a university settlement. The appointment is made by the Trustees of the College.

THE AMHERST MEMORIAL FELLOWSHIP FOR THE STUDY
OF SOCIAL, ECONOMIC, AND POLITICAL
INSTITUTIONS

A Fellowship to perpetuate the memory of those Amherst men who gave their lives for an ideal. The following statement from the donor explains the purpose of this Fellowship:

“Realizing the need for better understanding and more complete adjustment between man and existing social, economic, and political institutions, it is my desire to establish a Fellowship for the study of the principles underlying these human relationships.

“To be eligible for appointment to this Fellowship, a candidate should be a college or university graduate—though not of necessity a recent graduate. He should be a man of sound health. During his previous training he should have shown those qualities of leadership which are founded on strength of character. He should have given evidence of marked mental ability in some branch of the social sciences—economics, political science, and history—and have given promise of original contribution to his particular field of study. He should have demonstrated a spirit of service rather than ambition for personal advancement, and should intend to devote his life to the betterment of social conditions through teaching in its broad sense, journalism, politics, or field work.

“A Fellow shall be appointed every second year for a period of not more than four years, depending upon the qualifications and requirements of the individual candidate. It is earnestly desired that at least half of his appointment shall be spent in study in Europe. The last year, in part or in whole, depending upon the decision of the Committee in charge and the Board of Trustees of the college, shall be given to Amherst College. It is hoped that each Fellow

shall at some time deliver a course of lectures at Amherst, and that these may be published.

"The Fellowship Fund will provide \$2,000.00 a year for each Fellow.

"The Committee in charge shall be composed of five men: The President of the Board of Trustees of Amherst College, the President of Amherst College, and three others to be appointed by them—one of whom shall be a member of one of the Departments of Social Science at Amherst College. Of the two remaining members, at least one shall have no connection with Amherst College. One shall be a business or professional man, and one shall be definitely associated with some other college or university.

"It is desired to have this Fellowship meet the demands of existing social and intellectual requirements, and to this end the Committee may modify this original deed of gift every ten years. The donor reserves the right to consult with the Committee regarding suggested modifications. If at any time, in the opinion of the Committee, there is no further need for this Fellowship, the Fund shall be transferred to the General Endowment Fund of Amherst College."

PRIZES

The following prizes are offered annually for proficiency in the work of the several departments of collegiate study:

ENGLISH

THE ARMSTRONG PRIZES, of fifty dollars in books, given by Collin Armstrong of the Class of 1877, in memory of his mother, Miriam Collin Armstrong, to members of the Freshman class who excel in composition.

Awarded in 1919 to Carroll Morton Hollister of the Class of 1922.

THE FOLGER PRIZES, of one hundred, fifty, and twenty-five dollars, given by Henry C. Folger, Jr., of the Class of 1879, for the best essays on Shakespearean topics, to be competed for by members of the Senior class. For the year 1919-1920 the prizes will be awarded for the best essays on Shakespeare's relations to his predecessors.

The prize of one hundred dollars was awarded in 1919 to Roy Van Auken Sheldon of the Class of 1919.

GREEK

THE HUTCHINS PRIZE, of fifty dollars, given by the late Waldo Hutchins of the Class of 1842, to the best scholar in Greek at the end of the Junior year. The scholarship is determined chiefly by the regular recitations and examinations of the department, but special studies and examinations may also be required of the candidates.

Awarded in 1918-1919 to Francis Trowbridge Cooke of the Class of 1920.

THE WILLIAM C. COLLAR PRIZE, of forty-five dollars, given by the late William C. Collar of the Class of 1859, to that member of the Freshman class who shall make on a written examination the best version in English of a previously unseen passage from some Greek author.

In 1918-1919 divided between Edward Cook Caldwell and Robert Helyer Thayer of the Class of 1922.

LATIN

THE BERTRAM PRIZES, of fifty dollars each, given by the late John Bertram of Salem.

For the year 1919-1920 one of the prizes is awarded to that student who, together with attaining a high average in Latin 7, presents the best essay on the *Æneid* of Vergil with special reference to the literary quali-

ties of the last six books, to the successful employment of the Latin hexameter, and to the influence of Vergil on subsequent writers; the other prize is awarded to that student who, together with attaining a high average in the work of Latin 8, presents the best essay on the philosophical, ethical, or poetical elements in the *De Rerum Natura* of Lucretius.

TWO JUNIOR PRIZES, of thirty dollars each. For the year 1919-1920 one of the prizes is awarded to that student who, together with attaining a high average in Latin 5, presents the best papers on topics connected with the study of Roman society in the Augustan Age; the other prize is awarded to that student who, together with attaining a high average in Latin 6, presents the best papers on topics connected with the study of Roman society under the early Empire.

Awarded in 1919 to Francis Trowbridge Cooke and Frederick Allen Parker of the Class of 1920.

THE BILLINGS PRIZES, of thirty and of twenty dollars, given by the late Parmly Billings of the Class of 1884, for general excellence in the work of the Sophomore year, together with the best essays on special topics connected with the study of Catullus, Tacitus, and Pliny the Younger.

In 1919 the first prize was awarded to Leon Cyril Friel of the Class of 1921; second prize to Clifford Harry Marker of the Class of 1921.

THE FRESHMAN PRIZES, of twenty-five and of fifteen dollars, for the highest scholarship in the Latin of Freshman year. The award is determined by the reading at sight of passages from Cicero, Livy, Horace, and Ovid.

Awarded in 1919: first prize to Karl Rauschenbusch, of the Class of 1922; second prize to Stewart Burton Nichols of the Class of 1922.

MATHEMATICS, PHYSICS, AND ASTRONOMY

THE WALKER PRIZES, given by the late William J. Walker of Newport, Rhode Island. Two prizes, of fifty and of thirty dollars, in the mathematics of the first year.

Awarded in 1919: first prize to Carroll Morton Hollister of the Class of 1922; second prize to Samuel David Farber of the Class of 1922.

Two prizes of eighty and of forty dollars, in the mathematics of the second year.

Awarded in 1919: first prize to Calvin Sherwood West of the Class of 1920; second prize to Arthur Proctor Black of the Class of 1921.

The award in each case is determined by an examination.

THE PORTER PRIZES, of twenty and of ten dollars for proficiency in

first year physics and astronomy respectively, given by the late Eleazer Porter of Hadley.

In 1919 the prize in physics was divided between Ralph Alonzo Beebe and Remsen Vanderhoof Wood of the Class of 1920 with honorable mention of George Bushfield McElheny of the Class of 1922.

A PRIZE OF THIRTY DOLLARS, given by a member of the Class of 1884, for proficiency in the second year's course in physics.

Awarded in 1919 to Elmer Gillam Smith of the Class of 1919.

NATURAL SCIENCE

THE SHEPARD MINERALOGICAL PRIZES, of mineralogical specimens, valued respectively at fifteen, eight, six, and five dollars, given by the late Professor Charles U. Shepard, of the Class of 1824, to members of the Senior class in mineralogy.

Awarded in 1919 to Walter Woodbury Johnson of the Class of 1921.

THE SAWYER PRIZE, a gold medal of the value of fifty dollars, given by the late Edmund H. Sawyer, of Easthampton, for the best work in the course in human anatomy and physiology.

THE A. LYMAN WILLISTON PRIZES IN PHYSICAL EDUCATION, of seventy-five dollars, given by the late A. Lyman Williston of Northampton in memory of his friend, teacher, and co-trustee of Mount Holyoke College and Williston Seminary, Dr. Edward Hitchcock. These prizes are continued by his son, Robert L. Williston.

To the two members of the Freshman class who attain the highest rank in the course on personal hygiene, fifteen and ten dollars.

Awarded in 1919: first prize to Karl Rauschenbusch of the Class of 1922; second prize to Stewart Burton Nichols of the Class of 1922.

To the two members of the Junior class who, in the opinion of the department, have profited most from their three years' work in the Department of Hygiene and Physical Education, thirty and twenty dollars.

Awarded in 1919: first prize to John Joseph Hanselman of the Class of 1920; second prize to Delos Sackett Otis of the Class of 1920.

A SCHOLARSHIP OF FIFTY DOLLARS at the Woods Hole Marine Laboratory given annually by the Phi Delta Theta Fraternity to that student who has shown the greatest proficiency in Biology.

Awarded in 1919 to H. Dzushi.

THE PORTER ADMISSION PRIZE

THE PORTER ADMISSION PRIZE, of fifty dollars, given by the late Eleazer Porter, of Hadley, to the student who passes the best exami-

nation in an ancient language, English, and mathematics, at an examination in October open to all members of the entering class. The name of the successful candidate, together with that of his school or of the instructor with whom he prepared for college, is published in the catalogue.

Awarded in 1919 to Leonard Thurston Pendleton of the Class of 1923, who prepared for College at the Bulkeley School, New London, Conn.

PUBLIC SPEAKING

THE KELLOGG PRIZES, one of fifty dollars to a member of the Sophomore class, and one of fifty dollars to a member of the Freshman class, given by the late Rufus B. Kellogg, of the Class of 1858, for excellence in declamation.

Awarded in 1919 to Karl Rauschenbusch of the Class of 1922, and William Smith Clark of the Class of 1921.

THE HARDY PRIZES, of thirty and twenty dollars, given by the late Alpheus Hardy of Boston, for improvement in extemporaneous speaking.

Awarded in 1919: first prize to Arthur Frank Brown of the Class of 1919; second prize to Walter Kerr Belknap of the Class of 1919.

THE HYDE PRIZE, of one hundred dollars and a bronze relief of Lincoln, given by Benjamin D. Hyde of the Class of 1894, in memory of his father, Henry D. Hyde, of the Class of 1861, to that member of the Senior class who produces the best oration. Both composition and delivery are considered in making the award.

Awarded in 1919 to Warren Leonard Marks of the Class of 1919.

THE BOND PRIZE, of one hundred dollars, given by the late Ephraim W. Bond of the Class of 1841, for the best production spoken on the Commencement stage. The award is determined by a committee appointed by the Trustees upon nomination by the Faculty Committee on the Bond Prize.

THE CLASS OF 1884 ORATORICAL PRIZE, of twenty-five dollars given by a member of the Class of 1884, to the orator who is chosen to represent Amherst in the New England Public Speaking Contest.

THE ROGERS PRIZE, of seventy dollars in books, given by Noah C. Rogers, of the Class of 1880, to Juniors for excellence in debate.

OTHER PRIZES

THE LADD PRIZES, the sum of one hundred dollars, given by William M. Ladd of the Class of 1878, to be used in connection with the annual exhibition of heavy gymnastics.

THE WOODS PRIZE, of sixty dollars, given by the late Josiah B. Woods of Enfield, for general culture and improvement; also a bronze plaque with the inscription *Pro Singulari Merito*, given by the Class of 1894. This prize is awarded at the conclusion of the course.

Awarded in 1919 to Robert Johnston Davis of the Class of 1919; the bronze plaque to Halvor Richardson Seward of the Class of 1919.

THE STANLEY V. and CHARLES B. TRAVIS PRIZE FOR IMPROVEMENT, of ninety dollars, given by the late Charles B. Travis of the Class of 1864, to the Senior who has made the most improvement, as a man and a scholar, during his college course.

Awarded in 1919 to Arthur Frank Brown of the Class of 1919.

THE DANTE PRIZE, of one hundred dollars, is offered annually by the Dante Society of America for the best essay by a student, or graduate of not more than three years' standing, on a subject drawn from the Life or Works of Dante. Competition for the prize is open to students and graduates of any college or university of the United States. Detailed information in regard to the rules of competition and choice of subjects may be obtained from the Department of Romance Languages.

THE CLASS OF 1884 PRIZE, of one hundred dollars, to the class that excels in the singing of college songs. The contest occurs on the campus in June, when the four classes sing in turn. A prize of twenty-five dollars is given for the best original song.

Awarded in 1919 to the Class of 1920.

THE TREADWAY INTERFRATERNITY SCHOLARSHIP TROPHY, a silver cup, given by Hon. Allen Treadway of the Class of 1886, in memory of his son, Charles Denton Treadway, awarded to that fraternity or group of non-fraternity men which has attained the highest scholastic average during the previous academic year.

Awarded in 1919 to the Delta Upsilon Fraternity.

SCHOLARSHIPS AND BENEFICIARY AID

The officer directly in charge of the administration of scholarships and beneficiary aid is the President of the College.

The beneficiary funds of the College aggregate three hundred and fifty thousand dollars. Except as otherwise provided by the donors, the income of these funds is distributed annually, among students of high character and good scholarship who need pecuniary aid.

Aid from beneficiary funds is given to students who maintain a high standard of honor, who have no delinquency in any subject, whose average rank is not below seventy per cent, whose habits are economical, and who are candidates for a degree.

Awards are paid in instalments, at the beginning of each semester. The award is made for the entire year.

Applicants for scholarships in the three upper classes must file at the President's office, on or before June 1, a statement of their resources for the academic year, together with two letters of recommendation giving evidence of their need, attainments, and character.

Applicants for the renewal of scholarships must present an account of their expenditures and income for the preceding year.

A limited number of applicants may be assured of scholarship awards before entering college. Blanks for application may be obtained of the President, and, when filled out by the applicant, must be accompanied by two letters concerning need, character, and attainments, one letter from the parent or guardian, and one from the principal or teacher. Awards are not payable unless the applicant is free from entrance conditions.

Scholarships are of three grades: one hundred and forty

dollars, one hundred and twenty-five dollars, and one hundred and ten dollars, the amount being credited on tuition bills. Scholarships of the first grade are awarded to students whose average is A (90% to 100%); of the second grade, to students whose average standing is B (80% to 90%); of the third grade, to students whose average standing is C (70% to 80%). There are four scholarships of one hundred dollars, and four of one hundred and ten dollars, which are not subject to the above conditions, except that a standing of not less than 70% shall be maintained. Those who intend to enter the Christian ministry are awarded scholarships on the above conditions.

Awards are made from the income of the following funds:

THE CHARITABLE FUND, \$90,000, primarily in aid of those studying for the Christian ministry. Any surplus income may be awarded to other students in the classical course.

THE STONE EDUCATIONAL FUND, \$25,000.

THE CLASS OF 1871 SCHOLARSHIP FUND, \$25,000, established by a member of the class.

THE MOORE BENEFICIARY FUND, \$19,000, established by Rev. Zephaniah Swift Moore, D. D., first president of the college.

THE WILLIAM HILTON SCHOLARSHIP FUND, \$22,500, the bequest of William Hilton of Boston.

THE WHITCOMB SCHOLARSHIP FUND, \$12,000, established by David Whitcomb and G. Henry Whitcomb of Worcester.

THE HITCHCOCK SCHOLARSHIP FUND, \$11,000, established by Samuel A. Hitchcock of Brimfield.

THE JOHN E. SANFORD CLASS OF 1851 SCHOLARSHIP FUND, \$10,000, established by John E. Sanford of Taunton.

THE EMERSON GAYLORD SCHOLARSHIP FUND, \$6000, the bequest of Emerson Gaylord of Chicopee. Preference is given to graduates of the Chicopee High School.

THE DAY BENEVOLENT FUND, \$5000, the bequest of Moses Day of Boston.

THE SEYMOUR SCHOLARSHIP FUND, \$5000, the bequest of James S. Seymour of Auburn, New York.

THE HARRY L. WILBUR SCHOLARSHIP FUND, \$5000, established by his parents in memory of Harry L. Wilbur of the Class of 1884.

A SCHOLARSHIP FUND, \$5000, the bequest of Ivory H. Bartlett, Jr., of New Bedford.

THE ADDISON BROWN SCHOLARSHIP FUND, \$5000, the bequest of Addison Brown of the Class of 1852, of New York. The Addison Brown Scholarship is awarded annually to that member of the Senior class who, being already on the scholarship list, shall have attained the highest standing in the studies of the Freshman, Sophomore, and Junior years.

THE GEORGE ATWATER HALL SCHOLARSHIP FUND, \$5000, established by Rev. George Atwater Hall of Brookline, Mass.

THE DANFORTH KEYES BANGS SCHOLARSHIP FUND, \$4000, the bequest of Mrs. Louisa S. Baker of Amherst.

THE FARNSWORTH SCHOLARSHIP FUND, \$3000, established by Isaac D. Farnsworth of Boston.

THE KNOWLES SCHOLARSHIP FUND, \$3000, the bequest of Lucius J. Knowles of Worcester.

A SCHOLARSHIP FUND, \$3000, established by a friend of the College.

THE CLASS OF 1861 SCHOLARSHIP FUND, \$3000, established by the Class.

THE CLASS OF 1878 SCHOLARSHIP FUND, \$3000, established by the Class.

THE CLASS OF 1880 SCHOLARSHIP FUND, \$3000, established by the Class.

THE REED SCHOLARSHIP FUND, \$2500, the bequest of Charles Thayer Reed of Boston, in memory of his son, Charles Thayer Reed, Jr.

THE HAROLD ELY MORSE MEMORIAL SCHOLARSHIP FUND, \$2500, established by the family of Professor Anson D. Morse.

THE CLASS OF 1877 SCHOLARSHIP FUND, \$2500, established by the Class.

THE CHARLES MERRIAM SCHOLARSHIP FUND, \$2400, established by Charles Merriam of Springfield.

THE CLASS OF 1860 SCHOLARSHIP FUND, \$2200, established by the Class.

THE PERSIAN SCHOLARSHIP FUND, \$2000, the bequest of Rev. James L. Merrick of Amherst.

THE QUINCY TUFTS SCHOLARSHIP FUND, \$2000, the bequest of Quincy Tufts of Boston.

THE HENRY GRIDLEY CLASS OF 1862 SCHOLARSHIP FUND, \$2000, established by the Class in memory of their classmate whose name it bears.

THE HENRY H. GOODELL CLASS OF 1862 SCHOLARSHIP FUND, \$2000, established by the Class in memory of their classmate whose name it bears.

THE BORDEN SCHOLARSHIP FUND, \$2000, the bequest of Samuel Augustus Borden of Boston.

- THE ANDERSON SCHOLARSHIP FUND, \$2000, the bequest of Samuel Augustus Borden of Boston.
- THE W. EUGENE KIMBALL SCHOLARSHIP FUND, \$2000, established by Robert J. Kimball of Brooklyn, N. Y.
- THE MORSE SCHOLARSHIP FUND, \$2000, established by Charles L. Morse of the Class of 1901.
- THE DRAPER SCHOLARSHIP FUND, \$2000, established by Warren F. Draper of the Class of 1847.
- THE ALEXANDER H. BULLOCK SCHOLARSHIP FUND, \$1500, established by Alexander H. Bullock of the Class of 1836.
- THE CLASS OF 1836 SCHOLARSHIP FUND, \$1500, established by the Class.
- THE CLASS OF 1853 SCHOLARSHIP FUND, \$1500, established by the Class.
- THE CLASS OF 1871 SCHOLARSHIP FUND, \$1500, established by the Class.
- THE CLASS OF 1855 SCHOLARSHIP FUND, \$1100, established by the Class.
- THE CLASS OF 1826 SCHOLARSHIP FUND, \$500, established by two members of the Class.

Scholarship funds of \$1000 each as follows:

- THE LEVI RUSSELL SCHOLARSHIP FUND, established by Levi Russell of Hadley.
- THE TUTTLE SCHOLARSHIP FUND, the bequest of Mrs. Sarah Tuttle of Wayland.
- THE GEORGE COOK SCHOLARSHIP FUND, established by George Cook of the Class of 1841.
- THE ENOS DICKINSON SCHOLARSHIP FUND, established by Enos Dickinson of Amherst.
- THE JOHN C. NEWTON SCHOLARSHIP FUND, established by John C. Newton of Worcester.
- THE JAMES H. NEWTON SCHOLARSHIP FUND, established by James H. Newton of Holyoke.
- THE JOHNSON CLASS OF 1823 SCHOLARSHIP FUND, established by A. J. Johnson of New York City.
- THE SOUTHWORTH CLASS OF 1822 SCHOLARSHIP FUND, established by Wells Southworth of New Haven, Connecticut.
- THE JOSEPH CAREW SCHOLARSHIP FUND, established by Joseph Carew of South Hadley.
- THE GREGORY CLASS OF 1850 SCHOLARSHIP FUND, established by Hon. James J. H. Gregory of Marblehead.
- THE DOLLY COLEMAN BLAKE SCHOLARSHIP FUND, the bequest of Dolly Coleman Blake of Boston.

THE MILLER SCHOLARSHIP FUND, established by Mrs. S. P. Miller of Montclair, New Jersey, in memory of her son, J. C. B. Miller of the Class of 1869.

THE GREEN SCHOLARSHIP FUND, the bequest of Rev. Henry Solomon Green of the Class of 1834, as a memorial gift from himself and H. M. Green of the Class of 1865.

THE THOMAS HALE SCHOLARSHIP FUND, established by Mrs. Alice T. March of Newburyport.

THE MARY W. HYDE SCHOLARSHIP FUND, the bequest of Mary W. Hyde of Boston.

THE SARAH B. HYDE SCHOLARSHIP FUND, the bequest of Sarah B. Hyde of Boston.

THE W. S. TYLER CLASS OF 1830 SCHOLARSHIP FUND, the bequest of Professor William Seymour Tyler of Amherst.

THE CLASS SCHOLARSHIP FUND, established by and bearing the names, respectively, of:

The Class of 1831	The Class of 1852	The Class of 1857
The Class of 1839	The Class of 1853	The Class of 1861
The Class of 1845	The Class of 1855	The Class of 1865
The Class of 1849	The Class of 1856	The Class of 1869

THE COMPOSITE FUND, established jointly by the following classes:

The Class of 1829	The Class of 1838	The Class of 1867
The Class of 1835	The Class of 1866	The Class of 1870

THE EMILY B. RIPLEY SCHOLARSHIP FUND, the bequest of Emily B. Ripley of Royalston.

THE JOHN C. KIMBALL CLASS OF 1854 FUND, the bequest of John C. Kimball of Greenfield, Mass.

Funds yielding the following amounts annually:

THE STATE SCHOLARSHIPS, three, covering full tuition.

THE ADAMS SCHOLARSHIPS, three of \$40 each, the bequest of Asahel Adams of North Brookfield.

STUDENT LOAN FUND

Through the liberality of friends of the College, provision is made for loans of a limited amount to a few students in the later years of the course, at a low rate of interest, upon notes acceptably endorsed and payable one or two years after graduation. In accordance with the conditions imposed by the donors of the Loan Fund, its use is limited to

students of thorough scholarship whose habits of expenditure are economical.

The committee on student loans meets weekly for the consideration of applications. Application blanks may be obtained at the Treasurer's office. It is the policy of the committee not to make any loan until at least one semester of the college course has been completed.

BUILDINGS AND GROUNDS

SITUATION

The town of Amherst lies in the Connecticut Valley about one hundred miles west of Boston, and almost the same distance north of New Haven, on the eastern border of the valley, some four miles from the river. The College stands on the top of a hill with an outlook over the town and the valley, westward to the distant Berkshire and Hampshire hills, southward to the Holyoke Range, eastward to the Pelham Hills, and northerly to Mount Toby and Sugar Loaf. From any building and from most points on the grounds there is a broad outlook over beautiful scenery. Most of the buildings are on the hill, grouped about the Campus. On the other side of Pleasant Street, the main thoroughfare of the town, are the Morgan Library, College Hall, and the President's House. About five minutes' walk from the Campus are the Observatory, Pratt Field, and Pratt Skating Rink. The Pratt Health Cottage is farther away, on the northern edge of the town.

BUILDINGS AND EQUIPMENT

The buildings about the Campus are the dormitories, library, laboratories, chapel, church, gymnasium, and the buildings used for class-rooms and administrative offices. Walker Hall, which is the focus of most of the paths on the grounds, contains the offices of the Dean, the Secretary, the Treasurer, and the Recorder, and many class-rooms. Barrett Hall has class-rooms for German and Romance languages; Williston Hall for Latin, Greek, and English. Other class-rooms are in the Chapel building, the Octagon, and the laboratory buildings.

The Converse Memorial Library is a new building, first opened for use in the autumn of 1917. It has dignity and

beauty, besides ample space and equipment for the convenience and comfort of all who use the library. The total book capacity is 300,000 volumes. The reading and periodical rooms will accommodate one hundred readers at a time. The Converse or browsing room is lined with open shelves among which the students may explore for themselves as they might in well-filled libraries in their own homes. The Clyde Fitch room is a replica of the dramatist's study as it was in his house in New York. Much space has been devoted to the Department rooms, of which there are eleven provided for such study, research, and seminar work as may best be done with the book collection close at hand. The book collection at present numbers about 120,000 volumes, freely available to students.

Fayerweather Laboratory houses the departments of physics and chemistry. In the south wing the Department of Physics has a large lecture room with apparatus room adjoining, library and reading room, recitation room, laboratories for elementary experimental work, for work in electricity and for research, a balance room, dark rooms for photographic and for general work, an optical room, and a spectroscopy room equipped with a concave grating spectroscopy. In the basement are battery rooms, a room for special researches, a workshop and dynamo room with steam and water power. In the north wing of the building, the Department of Chemistry has general lecture and recitation rooms, a library and reading room, laboratories for general, analytical, and organic chemistry, and also a complete equipment for water and gas analysis.

The biological and geological laboratories occupy a large building on the south side of the Campus, commanding a wide and varied view which affords ready illustrations of many geological phenomena. Besides lecture and class-rooms, laboratories and work rooms, the building

contains the museums of the two departments. In the biology museum are the Adams collection of shells, a part of Audubon's celebrated collection of birds, a synoptic collection of the animal kingdom, and a collection of fossil vertebrates. The geology museum includes the Woods Cabinet, containing about twenty-five thousand specimens of minerals, a general American and European historical geology collection, the State Survey collections of New Hampshire, Vermont, Massachusetts, and Connecticut, the Shepard meteorite collection, and a collection of fossil vertebrates. In another room is shown the Hitchcock Ichnological collection of some twenty thousand tracks of animals in stone. Appleton Cabinet contains the anthropological collection, the herbarium, and an unusually complete and interesting collection of Indian relics.

The Observatory has two domes, the larger of which, thirty-five feet in diameter, houses an eighteen-inch Clark telescope. The smaller has a seven and one-fourth inch refractor. The equipment comprises also an altazimuth, two transits with the usual accessories for meridian observations, and instruments for instruction in the theory and practice of navigation.

The Chapel and the College Church stand respectively on the west and the east borders of the Campus. Morning exercises are held in the Chapel on week-days, and regular Sunday services in the Church.

The Octagon is used exclusively by the Department of Music. It has rooms arranged for classes, practice, and chorus and orchestra rehearsal. A grand piano and an Aeolian orchestrelle are provided for use in classes, and by students for purposes of study.

North and South Colleges, and Morris Pratt Memorial Dormitory, are the college dormitories. The two former are two of the oldest, and the latter one of the newest, of

the college buildings. All three buildings are heated by steam and lighted by electricity. Most of the rooms have open fireplaces, and all have hardwood floors. Morris Pratt Memorial Dormitory is of fire-proof construction throughout, and has a large and beautiful resort room on the first floor. The dormitories have single rooms and suites consisting of a study and one or two bedrooms.

College Hall is a large colonial building, once the village church, now the main assembly hall of the College. It is used for the Commencement exercises, and for all the larger gatherings, such as student mass-meetings, and public lectures.

The Mather Art Museum occupies the third floor of Williston Hall, and the vestibule and stairway leading to it. It consists of plaster casts, principally of Egyptian, Mycenaean, Greek and Roman sculpture, with a number of examples of Renaissance and later sculpture, both in relief and in the round. Further resources for the study of art are found in the library, and in some of the class-rooms. In addition to the catalogued books and photographs, there are in the vestibule of the Morgan Library building several Assyrian slabs, with inscriptions in cuneiform characters, which were obtained by the late Henry Lobdell, D. D., of the Class of 1849, from the walls of the palace of Assurnazirpal at Nimroud. The Latin and Greek rooms in Williston Hall have many casts in bronze and plaster, as well as collections of photographs, engravings, and stereopticon slides.

The Pratt Gymnasium contains, in the main building, a large hall with ample space and equipment of apparatus for general and specialized exercises, the offices of the Department of Physical Education, a fencing and wrestling room, bowling alleys, a sparring room, and a baseball cage. A wing known as the Pratt Natatorium contains a swim-

ming-pool seventy-five feet long and twenty-two feet wide, and large and small squash-racquet courts.

Hitchcock Memorial Field, of about forty acres, named in honor of Dr. Edward Hitchcock, '49, adjoins the Gymnasium. It has at present six tennis courts, two basketball courts, a board running track, a baseball diamond, and two soccer fields. When fully developed the field will accommodate at one time about three hundred men for different forms of exercise. About one sixth of the field has been developed, and the rest is being completed as fast as funds are forthcoming.

Pratt Field, given to the College by Frederic B. Pratt of the Class of 1887, has an area of about thirteen acres, and is used chiefly for intercollegiate games. It has a quarter-mile track and space for field contests, a baseball diamond, football grounds, and tennis courts. The grandstand seats about five hundred, and has dressing-rooms and shower-baths for contestants.

Pratt Skating Rink, given to the College by Charles M. Pratt of the Class of 1879, adjoins Pratt Field. It has an area of 200 x 115 feet for ice skating, and a bungalow equipped with heating apparatus and lockers.

Pratt Health Cottage is the college infirmary. It stands on high ground north of the College, commanding a wide view in every direction. Its space and equipment are sufficient for the accommodation and care of students temporarily disabled by accident or disease.

SUMMARY OF BUILDINGS

WITH THE NAMES OF THE DONORS AND DATES
OF ERECTION

SOUTH COLLEGE, built in 1820, restored in 1892.

JOHNSON CHAPEL, built in 1827, named in honor of the chief donor, Adam Johnson of Pelham.

NORTH COLLEGE, built in 1828, restored in 1893.

THE OCTAGON, built in 1847, and remodeled in 1909, formerly called LAWRENCE OBSERVATORY and WOODS CABINET, named in honor of the donors, Hon. Abbott Lawrence of Boston, and Hon. Josiah B. Woods of Enfield.

HENRY T. MORGAN LIBRARY, built in 1853, and enlarged in 1883 with funds received from the estate of Henry T. Morgan of New York.

APPLETON CABINET, built in 1855 with funds received from the estate of Samuel Appleton of Boston.

WILLISTON HALL, built in 1857, named in honor of the donor, Hon. Samuel Williston of Easthampton.

BARRETT HALL, formerly Barrett Gymnasium, the first college gymnasium in the country, built in 1860, remodeled in 1907 with funds received from the estate of Edward A. Strong, '55, named in honor of the chief donor, Dr. Benjamin Barrett of Northampton.

COLLEGE HALL, purchased by the College in 1867, remodeled in 1905 by the Class of 1884.

WALKER HALL, built in 1868, rebuilt in 1882, named in honor of the original donor, Dr. William J. Walker of Providence.

COLLEGE CHURCH, built in 1870, given by William F. Stearns of Boston.

PRATT GYMNASIUM, built in 1884, named in honor of the principal donor, Charles M. Pratt, '79. In the gymnasium

are the natatorium, the gift of Harold I. Pratt, '00, and squash-racquet courts, the gift of Mortimer L. Schiff, '96.

FAYERWEATHER LABORATORIES, built in 1893 with funds received from the estate of Daniel B. Fayerweather of New York.

PRATT HEALTH COTTAGE, built in 1897, named in honor of the donors, George D. Pratt, '93, Herbert L. Pratt, '95, and John T. Pratt, '96.

THE OBSERVATORY, built in 1904.

BIOLOGICAL AND GEOLOGICAL LABORATORIES, built in 1909.

MORRIS PRATT MEMORIAL DORMITORY, built in 1912 by Mr. and Mrs. Charles M. Pratt as a memorial to their son, Morris Pratt.

CONVERSE MEMORIAL LIBRARY, built in 1917 by Edmund Cogswell Converse as a memorial to his brother, James Blanchard Converse.

PUBLICATIONS

The annual catalogue is sent to all the alumni of the College, to all schools from which students are received, and to any who ask for it.

An address list of living alumni is issued once in two years.

A general catalogue of the Officers of Government and Instruction and of the Alumni and Honorary Graduates is issued quinquennially.

A record of graduates deceased during the year is issued annually in Commencement week.

STUDENT PUBLICATIONS

A *Handbook*, published and distributed annually by the Christian Association, contains information chiefly useful to new students.

A semi-weekly paper, *The Amherst Student*, containing college news, accounts of games, notices of alumni, and discussion of college affairs, is issued by an editorial board of students.

The Amherst Monthly, conducted by students, contains articles, essays, poems, stories, and book notices.

The Ohio, published annually by the Junior class, contains names of the members of fraternities, of officers and members of athletic, musical, literary, and dramatic organizations, of students receiving prizes and honors, and various matters of interest to the College.

ALUMNI PUBLICATIONS

The *Amherst Graduates' Quarterly* is published in November, February, May, and August. It contains articles of educational value, news of the alumni, accounts of undergraduate activities, reviews of books, and various matters of interest to alumni. Communications for the Editors as well as all business communications should be addressed to *Amherst Graduates' Quarterly*, Amherst, Mass.

ENROLLMENT

GRADUATE STUDENTS

Bixler, Julius Seelye	<i>Amherst, Mass.</i>	5 School Street
Manwell, Reginald Dickinson	<i>Amherst, Mass.</i>	
	112 Morris Pratt Memorial Dormitory	

SENIOR CLASS

Allen, Walton Clay	<i>Clifton, N. J.</i>	Δ T House
Allison, William Kelby	<i>Brooklyn, N. Y.</i>	Φ K Ψ House
Anthony, Ralph Sayles	<i>Providence, R. I.</i>	Φ Δ Θ House
Bassett, Howard Murray	<i>Brooklyn, N. Y.</i>	Δ T House
Beebe, Ralph Alonzo	<i>Monson, Mass.</i>	Φ K Ψ House
Bell, John Merville	<i>Oneonta, N. Y.</i>	Φ Γ Δ House
Blanton, Alexander John	<i>Rochester, N. Y.</i>	Δ T House
Bliss, Daniel	<i>Beirut, Syria</i>	Λ Δ Φ House
Bouvé, Kenneth Moore	<i>Newton Highlands, Mass.</i>	Δ K E House
Brown, Walter Barrett, Jr.	<i>Brooklyn, N. Y.</i>	Δ T House
Buell, Theodore Lincoln	<i>Wellesley Hills, Mass.</i>	B Θ Π House
Burnett, William Albert, Jr.	<i>Amherst, Mass.</i>	Φ Γ Δ House
Carley, Edward Albert	<i>Brooklyn, N. Y.</i>	Θ Δ X House
Cartwright, Clarence Clermont, Jr.	<i>Shelter Island, N. Y.</i>	Δ T Δ House
Clarke, Andrew Newton	<i>Denver, Colo.</i>	B Θ Π House
Clarke, George Varnum Davis	<i>Hyde Park, Mass.</i>	Θ Δ X House
Cloyd, Augustus David, Jr.	<i>Omaha, Nebr.</i>	Ψ T House
Cobb, George Donald	<i>Watertown, N. Y.</i>	X Φ House
Cooke, Francis Trowbridge	<i>Brooklyn, N. Y.</i>	Δ K E House
Copeland, Winslow Trowbridge	<i>Northampton, Mass.</i>	Δ T House
Cowles, William Munson	<i>Amherst, Mass.</i>	Λ Δ Φ House
Cummings, William Barton	<i>Thorndike, Mass.</i>	Δ K E House
Darling, Millard Stacy	<i>Lowell, Mass.</i>	Φ Γ Δ House
Davidson, Frank Forest, Jr.	<i>Auburndale, Mass.</i>	Λ Δ Φ House
Davis, Alanson Campbell	<i>Rochester, N. Y.</i>	Δ T House
Davison, Alvah Edmund	<i>Brooklyn, N. Y.</i>	Δ K E House
DeKlyn, Charles Coulter	<i>Bronxville, N. Y.</i>	Δ K E House
Donahue, Joseph Florence	<i>Lynn, Mass.</i>	Δ K E House
Duff, Alexander	<i>West Roxbury, Mass.</i>	Φ Δ Θ House
Durham, Charles Henry, Jr.	<i>Schenectady, N. Y.</i>	X Ψ Lodge
Eastman, Philip Yale	<i>Orange, N. J.</i>	B Θ Π House

Fairbank, Robert Winthrop	<i>Morristown, N. J.</i>	Δ T Δ House
Farwell, William Henry	<i>Montpelier, Vt.</i>	Δ K E House
Fenno, Richard Francis	<i>Winchester, Mass.</i>	X Φ House
Field, Leonard Hamilton, 3d	<i>Jackson, Mich.</i>	Θ Δ X House
Freeman, Benjamin	<i>Paterson, N. J.</i>	Chemistry Laboratory
Gray, Marvin Lee	<i>Waverly, Va.</i>	Nash Block
Greene, Frederick Standish	<i>Middletown, Conn.</i>	A Δ Φ House
Hall, Merwin Porter	<i>Brookline, Mass.</i>	X Ψ Lodge
Hanselman, John Joseph	<i>Montclair, N. J.</i>	
	208 Morris Pratt Memorial Dormitory	
Haskell, George Dwight	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Johnson, Thomas Hope	<i>Syracuse, N. Y.</i>	Δ T House
Judge, Gerald Anthony	<i>South Hadley Falls, Mass.</i>	
	208 Morris Pratt Memorial Dormitory	
Karp, Joseph Rubenpré	<i>Springfield, Mass.</i>	
	210 Morris Pratt Memorial Dormitory	
Keeney, Robert Morgan	<i>New London, Conn.</i>	Θ Δ X House
Keezer, Dexter Merriam	<i>Denver, Colo.</i>	Φ Δ Θ House
Kennedy, Henry Bushby	<i>Cortland, N. Y.</i>	Δ K E House
Kilby, John VanEtten	<i>Nyack, N. Y.</i>	Ψ T House
Kuesel, Frederick Howard	<i>Brooklyn, N. Y.</i>	Φ K Ψ House
Larkin, Clarence James	<i>Haydenville, Mass.</i>	Θ Δ X House
Little, Henry, Jr.	<i>Allston, Mass.</i>	Φ Δ Θ House
Low, Kenneth Brooks	<i>Brooklyn, N. Y.</i>	X Ψ Lodge
Lowther, Charles Rader	<i>New York, N. Y.</i>	Φ Δ Θ House
Lyman, Frederic Alpheus	<i>Syracuse, N. Y.</i>	X Φ House
McCandless, Thomas Harris	<i>Bellevue, Pa.</i>	Nash Block
McNamara, Frank Gilbert	<i>Newton, Mass.</i>	Ψ T House
March, Joseph Moncure	<i>New York, N. Y.</i>	Δ K E House
Maynard, Richard Wheeler	<i>Greenfield, Mass.</i>	Φ K Ψ House
Meiklejohn, John Ronald	<i>Pawtucket, R. I.</i>	A Δ Φ House
Mitchell, John Michael Zytikiewicz	<i>Chicopee, Mass.</i>	3 Northampton Road
Mizwa, Stephen P.	<i>Galicia, Poland</i>	12 Orchard Street
Moran, George Upham	<i>West Lafayette, Ind.</i>	B Θ II House
Morehouse, Andrew Richmond	<i>Oakwoods, N. C.</i>	A Δ Φ House
Morse, Bradbury Bedell	<i>Denver, Colo.</i>	Ψ T House
Mossman, Alexander Hyde	<i>Brookline, Mass.</i>	A Δ Φ House
Nash, Clifford Roberts	<i>Amherst, Mass.</i>	X Φ House
Nichols, Edgar Duncan	<i>St. Louis, Mo.</i>	X Φ House
Olsen, Norman	<i>Providence, R. I.</i>	A Δ Φ House

Otis, Delos Sackett	<i>New York, N. Y.</i>	A Δ Φ House
Parker, Frederick Allen	<i>Washington, D. C.</i>	17 South College
Patton, Carl Harrison	<i>Los Angeles, Cal.</i>	Ψ T House
Phillips, Paul Koehler	<i>Amherst, Mass.</i>	Θ Δ X House
Pratt, Waldo Elliott, Jr.	<i>Wellesley Hills, Mass.</i>	Ψ T House
Rauschenbusch, Paul A.	<i>Rochester, N. Y.</i>	A Δ Φ House
Reusswig, Ernst Norton	<i>Utica, N. Y.</i>	Φ Δ Θ House
Roberts, Ernest Howard	<i>Northampton, Mass.</i>	Φ Γ Δ House
Rogers, William Garland	<i>Ludlow, Mass.</i>	A Δ Φ House
Rowe, Julian Frederick	<i>Brooklyn, N. Y.</i>	Δ T House
Schellenger, Edward Markley	<i>Huntington Mills, Pa.</i>	Ψ T House
Sçamans, Charles Gladding	<i>Dorchester, Mass.</i>	Φ Γ Δ House
Sisson, Arthur Clark	<i>Edgewood, R. I.</i>	Θ Δ X House
Skeel, John Stockwell	<i>Cleveland, Ohio</i>	Φ Γ Δ House
Smith, Eastburn Richey	<i>Brooklyn, N. Y.</i>	X Ψ Lodge
Sprague, Atherton Hall	<i>Northampton, Mass.</i>	Δ T House
Staples, Henry Barrett	<i>Buffalo, N. Y.</i>	13 Spring Street
Thompson, Porter Wentworth	<i>East Braintree, Mass.</i>	X Φ House
Thorp, Willard Long	<i>Holyoke, Mass.</i>	X Φ House
Tilley, Laurence Edward	<i>Providence, R. I.</i>	Δ T Δ House
Townsend, Wilmot Charles	<i>Flushing, N. Y.</i>	Θ Δ X House
Tuttle, Edward Gerry, Jr.	<i>New York, N. Y.</i>	Δ K E House
Uchida, Brow Robert	<i>Brattleboro, Vt.</i>	3 Northampton Road
Virden, Emerson Hart	<i>New York, N. Y.</i>	208 Morris Pratt Memorial Dormitory
Walsh, John Sylvester	<i>Sunderland, Mass.</i>	Φ K Ψ House
Weber, Fritz Carl	<i>White Plains, N. Y.</i>	Φ K Ψ House
West, Calvin Sherwood	<i>Jamesville, N. Y.</i>	X Ψ Lodge
White, Carter	<i>Salem, Mass.</i>	Δ K E House
Whittemore, George Stanley	<i>Worcester, Mass.</i>	Φ Γ Δ House
Wilbar, Charles Baker	<i>Taunton, Mass.</i>	B Θ Π House
Wilcox, Robert Carroll	<i>Grand Rapids, Mich.</i>	Φ Δ Θ House
Wolff, Herbert Emanuel	<i>New York, N. Y.</i>	8 Spring Street
Wood, Remsen Vanderhoof	<i>Rochester, N. Y.</i>	Δ K E House
Wood, Roland Armstrong	<i>Brooklyn, N. Y.</i>	X Φ House
Wright, Edward Barhyte	<i>Cleveland, Ohio</i>	Ψ T House

JUNIOR CLASS

Andrews, Hugh March	<i>Ossipee, N. H.</i>	Θ Δ X House
Atkinson, Frank Carroll	<i>Amherst, Mass.</i>	Ψ T House
Bailey, Carroll Capen	<i>Fitchburg, Mass.</i>	Δ T House
Barnes, Robert Percy	<i>Washington, D. C.</i>	17 South College
Black, Arthur Proctor	<i>Amherst, Mass.</i>	10 Kellogg Avenue
Black, Robert Lovell	<i>Amherst, Mass.</i>	10 Kellogg Avenue
Blanton, Forest Williams	<i>Rochester, N. Y.</i>	Δ T House
Born, George Donald	<i>Brooklyn, N. Y.</i>	Φ K Ψ House
Brickett, Allan Eastman	<i>Lynn, Mass.</i>	Φ K Ψ House
Brisk, Phillip	<i>Gardiner, Me.</i>	
	412 Morris Pratt Memorial Dormitory	
Brooks, Frederick Edward	<i>Evanston, Ill.</i>	X Φ House
Brough, Hazen Winthrop	<i>New York, N. Y.</i>	Δ T Δ House
Brown, Harold Foster	<i>West Newton, Mass.</i>	13 Spring Street
Card, Glenn Frisbee	<i>Cortland, N. Y.</i>	Δ K E House
Carney, Richard Westnedge	<i>Battle Creek, Mich.</i>	Θ Δ X House
Case, Harry Whitehead	<i>East Granby, Conn.</i>	Δ K E House
Church, Bradford LeBaron	<i>Taunton, Mass.</i>	B Θ II House
Clark, Edward Orlow, Jr.	<i>Springfield, Mass.</i>	1 College Avenue
Clark, Remington Alonzo	<i>Springfield, Mass.</i>	B Θ II House
Clark, William Smith, 2d	<i>Cambridge, Mass.</i>	X Φ House
Cody, Edward Morrill,	<i>Lake Bluff, Ill.</i>	A Δ Φ House
Copeland, Arthur Herbert	<i>Rochester, N. Y.</i>	Φ Δ Θ House
Cowles, Dennison Brackett	<i>Brattleboro, Vt.</i>	X Φ House
Crabbe, Floyd Foster	<i>East Orange, N. J.</i>	3 Northampton Road
Cusick, James Francis	<i>Gardiner, Me.</i>	
	412 Morris Pratt Memorial Dormitory	
Demarest, Arthur Kenneth	<i>Bloomfield, N. J.</i>	X Φ House
Disston, Harry	<i>New York, N. Y.</i>	Φ K Ψ House
Elwell, James Henry	<i>Amherst, Mass.</i>	5 Lincoln Avenue
Esty, Lucien Coy	<i>Bethlehem, Pa.</i>	Ψ T House
Eveleth, Noah Saxton	<i>Windsor Locks, Conn.</i>	Δ T House
Fisher, Ernest Leon	<i>Detroit, Mich.</i>	Δ T House
Flood, Everett David	<i>Palmer, Mass.</i>	B Θ II House
Foster, William James, Jr.	<i>Schenectady, N. Y.</i>	Φ Γ Δ House
French, Robert Calvin	<i>New York, N. Y.</i>	Φ K Ψ House
French, Stuart Ross	<i>Lake Forest, Ill.</i>	A Δ Φ House
Friel, Leon Cyril	<i>Easthampton, Mass.</i>	19 North College
Greenland, Paavo	<i>White Plains, N. Y.</i>	2 Tyler Place

Greer, Thomas Henry, Jr.	<i>Butler, Pa.</i>	Δ T House
Hall, George Phillips	<i>Brookline, Mass.</i>	X Ψ Lodge
Hamilton, Hugh Lloyd	<i>New Orleans, La.</i>	B Θ Π House
Harmon, Edwin Willard	<i>Brooklyn, N. Y.</i>	B Θ Π House
Hatch, David Phillips, Jr.	<i>Lancaster, Mass.</i>	X Φ House
Hatheway, Curtis Rose, Jr.	<i>Litchfield, Conn.</i>	X Φ House
Heard, Carlton Farrar	<i>Manchester, N. H.</i>	X Φ House
Higbee, Donald Mestrezat	<i>Connellsville, Pa.</i>	7 Northampton Road
Hooker, Edward Wight	<i>Waupun, Wis.</i>	X Ψ Lodge
Hooper, Claude Ernest	<i>Willimansett, Mass.</i>	Δ T Δ House
Hooper, Ralph Winthrop	<i>Lynn, Mass.</i>	Φ K Ψ House
Howland, Barnard	<i>Detroit, Mich.</i>	Δ K E House
Johnson, Walter Woodbury	<i>Malden, Mass.</i>	Φ Δ Θ House
Kautzenbach, George Johannes	<i>Amherst, Mass.</i>	
312 Morris Pratt Memorial Dormitory		
Keeler, Lansing Herman	<i>Brooklyn, N. Y.</i>	Θ Δ X House
King, George Whipple, Jr.	<i>Holyoke, Mass.</i>	Physics Laboratory
Kissam, William Allen	<i>Great Neck, N. Y.</i>	Δ T Δ House
Loomis, Charles Wilson, Jr.	<i>Leominster, Mass.</i>	Δ T House
Lumb, Charles Lovejoy	<i>Poughkeepsie, N. Y.</i>	Δ K E House
McCullough, Alfred Atkins	<i>Ashland, Ky.</i>	Φ Δ Θ House
Mackenzie, Kenneth Roy	<i>North Tonawanda, N. Y.</i>	B Θ Π House
McKinstry, Edward Lawyer	<i>Watertown, N. Y.</i>	X Φ House
Mallon, Walter Barry	<i>Malone, N. Y.</i>	Ψ T House
Marker, Clifford Harry	<i>Ligonier, Pa.</i>	Δ T House
Merrick, James Harold	<i>Wilbraham, Mass.</i>	
311 Morris Pratt Memorial Dormitory		
Metcalf, Robert Kimball	<i>Winchester, Mass.</i>	X Φ House
Michelsen, Rolf Thompson	<i>New York, N. Y.</i>	Φ Γ Δ House
Mitchell, John Emery	<i>Wellesley, Mass.</i>	X Ψ Lodge
Murnane, Horace Siegfried	<i>Greeley</i>	
	<i>Brookline, Mass.</i>	X Ψ Lodge
Nelson, Clarence Edward	<i>Seattle, Wash.</i>	X Φ House
Nichols, John Crampton	<i>Maywood, Ill.</i>	Δ K E House
O'Meara, Stanley Richard	<i>Seymour, Conn.</i>	Δ T Δ House
Palmer, Waldo Emerson	<i>Poughkeepsie, N. Y.</i>	Δ K E House
Parsons, Edward Smith, Jr.	<i>Marietta, Ohio</i>	X Ψ Lodge
Plimpton, Francis Taylor	<i>Pearsons New York, N. Y.</i>	Δ K E House
Porter, Edward Tiffin, Jr.	<i>Uniontown, Pa.</i>	Φ K Ψ House
Pruyne, Lafayette Sumner	<i>Adams, N. Y.</i>	Δ K E House
Reed, Frederick Roeser	<i>New York, N. Y.</i>	X Ψ Lodge

Riefler, Winfield William	<i>Rochester, N. Y.</i>	A Δ Φ House
Schleicher, Rowell Anton	<i>Long Island City, N. Y.</i>	Ψ T House
Shea, Patrick Henry	<i>Amherst, Mass.</i>	21 Whitney Street
Sinclair, Ronald Van Buren	<i>Amherst, Mass.</i>	19 Woodside Avenue
Smith, Edward Harvey	<i>Newton Center, Mass.</i>	F North College
Smith, Myron Howe	<i>Hadley, Mass.</i>	Φ Δ Θ House
Snider, Frank Lyons	<i>Uniontown, Pa.</i>	12 Woodside Avenue
Spencer, Harold Bennett	<i>Malden, Mass.</i>	Φ K Ψ House
Stanford, Alfred Boller	<i>East Orange, N. J.</i>	A Δ Φ House
Stanley, Joseph	<i>Cleveland, Ohio</i>	A Δ Φ House
Starkweather, Lyman Williston	<i>Hartford, Conn.</i>	X Ψ Lodge
Stauff, Abraham Lincoln	<i>Uniontown, Pa.</i>	12 Woodside Avenue
Stern, John David	<i>San Francisco, Cal.</i>	Δ K E House
Stewart, Robert Gazlay	<i>New York, N. Y.</i>	Φ Δ Θ House
Stisser, Frank Gridley	<i>Cortland, N. Y.</i>	Δ K E House
Taylor, Kimber Allan	<i>Elizabeth, N. J.</i>	X Φ House
Thayer, James Appleton	<i>Southboro, Mass.</i>	Ψ T House
Thomas, William Daniel	<i>Lansford, Pa.</i>	Θ Δ X House
Thornton, Louis Barton	<i>Buffalo, N. Y.</i>	Δ K E House
Tooker, Vail Gibney	<i>Port Jefferson, N. Y.</i>	15 South Prospect Street
VerNooy, Stewart Anderson	<i>Cortland, N. Y.</i>	Φ K Ψ House
Webster, Bradford Gray	<i>Syracuse, N. Y.</i>	Δ T House
Whitcomb, Douglas	<i>Worcester, Mass.</i>	Ψ T House
Whiting, Elbridge Cutler, Jr.	<i>South Sudbury, Mass.</i>	Δ T House
Willmott, John Frederick Upton	<i>Boston, Mass.</i>	Δ T Δ House
Woodbridge, Frederick James	<i>Montrose, N. Y.</i>	A Δ Φ House
Wray, Charles Gregory	<i>Shelter Island, N. Y.</i>	Δ T Δ House
Young, William Caldwell	<i>Chicago, Ill.</i>	X Φ House
Zink, Walter Noble	<i>Pittsfield, Mass.</i>	Φ Δ Θ House

SOPHOMORE CLASS

Abele, Edward Stephen	<i>Zanesville, Ohio</i>	19 North College
Abele, Louis Thomas	<i>Zanesville, Ohio</i>	19 North College
Albright, Henry Hart	<i>Massillon, Ohio</i>	B Θ Π House
Albright, Paul Elliott	<i>Ravenna, Ohio</i>	Ψ T House
Anderson, Wallace Witmer	<i>Passaic, N. J.</i>	Δ T House
Andrews, Prescott Richardson	<i>New York, N. Y.</i>	X Φ Annex
Andrews, Sidney Warren	<i>Waban, Mass.</i>	Φ Δ Θ House
Bell, Jesse Greer	<i>Chicago, Ill.</i>	Φ K Ψ House
Bennett, Charles Merchant	<i>Bridgeport, Conn.</i>	A Δ Φ House
Boulton, Wolfrid Rudyard, Jr.	<i>Beaver, Pa.</i>	Φ Δ Θ House
Bowman, Kimberly	<i>Philadelphia, Pa.</i>	
	204 Morris Pratt Memorial Dormitory	
Brace, Gerald Warner	<i>New York, N. Y.</i>	Δ T Δ House
Bristol, Louis Elliott	<i>Claverack, N. Y.</i>	12 Lessey Street
Brown, Sumner Jerome	<i>Springfield, Mass.</i>	Φ Γ Δ House
Buckingham, Robert Lane	<i>Omaha, Nebr.</i>	23 North College
Buffum, Charles Walbridge	<i>Newfane, N. Y.</i>	Δ T Δ House
Busch, William Moses	<i>Amherst, Mass.</i>	22 McClellan Street
Caldwell, Edward Cook	<i>Oak Park, Ill.</i>	
	308 Morris Pratt Memorial Dormitory	
Chalmers, Donald Creighton	<i>West Newton, Mass.</i>	Ψ T House
Clark, Francis Richmond	<i>Boston, Mass.</i>	Ψ T House
Clark, Lee Campman	<i>Brooklyn, N. Y.</i>	Θ Δ X House
Crocker, Orman MacDonald	<i>Springfield, Mass.</i>	Φ Γ Δ House
Crooks, Laurence Edgar	<i>Northampton, Mass.</i>	Nash Block
Damon, Stuart Bodge	<i>West Roxbury, Mass.</i>	Δ T House
Davenport, Charles Kidder	<i>Newton, Mass.</i>	X Ψ Lodge
Davidson, Allen	<i>Auburndale, Mass.</i>	A Δ Φ Annex
Davis, Elias Kaylor	<i>Pottsville, Pa.</i>	12 Lessey Street
Dayton, Robert Bailey	<i>Williamsport, Pa.</i>	B Θ Π House
Dickinson, Porter Stevens	<i>Lunenburg, Mass.</i>	X Φ Annex
Dodge, William James, Jr.	<i>Ravenna, Ohio</i>	Δ T Δ House
Eames, Edward Williams	<i>Buffalo, N. Y.</i>	B Θ Π House
Elbert, Samuel George	<i>Wilmington, Del.</i>	
	409 Morris Pratt Memorial Dormitory	
Esty, John Cushing	<i>Bethlehem, Pa.</i>	Ψ T House
Ethier, Thomas Anthony	<i>Brooklyn, N. Y.</i>	27 North College
Everett, Samuel Henry	<i>North Attleboro, Mass.</i>	
	204 Morris Pratt Memorial Dormitory	

Ewer, Edward Rushmore	<i>Flushing, N. Y.</i>	Φ Γ Δ House
Faber, Samuel David	<i>Northampton, Pa.</i>	Φ Γ Δ House
Fay, Henry Colt	<i>Winsted, Conn.</i>	
	308 Morris Pratt Memorial Dormitory	
Fernald, Knowlton	<i>Hartford, Conn.</i>	Φ Δ Θ House
Fischer, William Waugh	<i>Erie, Pa.</i>	Ψ Τ House
Frazier, Stuart Charles	<i>Seattle, Wash.</i>	Ψ Τ House
French, Justin Dimick	<i>Portsmouth, N. H.</i>	Α Δ Φ House
Goddard, Northam	<i>Newton Center, Mass.</i>	Β Θ Π House
Goebel, Grant Adam	<i>Rochester, N. Y.</i>	Χ Φ House
Greene, David L.	<i>Upper Montclair, N. J.</i>	Δ Τ House
Hadley, Wilfred Bretherton	<i>New York, N. Y.</i>	Nash Block
Hagenbuckle, Herman Frederic	<i>Mt. Vernon, N. Y.</i>	2 Tyler Place
Hand, Raymond Ten Broeck	<i>Nyack, N. Y.</i>	Ψ Τ House
Hartzell, Frank Carlisle	<i>Newville, Pa.</i>	Β Θ Π House
Hawkins, William Bruce	<i>Springfield, Mass.</i>	A South College
Heselton, Henry	<i>Gardiner, Me.</i>	Δ Κ Ε House
Heselton, John Walter	<i>Gardiner, Me.</i>	
	103 Morris Pratt Memorial Dormitory	
Horgan, Harry Redmond	<i>Newport, R. I.</i>	Β Θ Π House
Howe, Burr	<i>Berlin, Wis.</i>	Ψ Τ House
Howes, Carroll Vincent	<i>Fitzwilliam, N. H.</i>	Δ Τ Δ House
John, Ralph Murl	<i>Moriarty, N. Mex.</i>	Χ Φ House
Jones, Sewall Arthur	<i>Andover, Mass.</i>	Ψ Τ House
Kimball, Leonard Parker	<i>Athol, Mass.</i>	15 Spring Street
Kohn, George Fleisher	<i>Philadelphia, Pa.</i>	Α Δ Φ House
Lay, Edward Poole	<i>Kewanee, Ill.</i>	Β Θ Π House
Lemcke, Theodore Otto	<i>New York, N. Y.</i>	Α Δ Φ House
Long, Phillip Metzger	<i>Lancaster, Pa.</i>	Χ Φ Annex
Lowe, Wallace Granville	<i>Brookline, Mass.</i>	13 Spring Street
Lum, Frederick Harvey, 3d	<i>Chatham, N. J.</i>	Φ Δ Θ House
McCoid, Eugene Calvin	<i>Mt. Pleasant, Iowa</i>	Β Θ Π House
MacCormack, Dwight Bradburn	<i>Housatonic, Mass.</i>	Ψ Τ House
McElheny, George Bushfield	<i>Pittsburgh, Pa.</i>	Θ Δ Χ House
McFadden, George Washington, Jr.	<i>New York, N. Y.</i>	Θ Δ Χ House
McKinstry, Willard Lawyer	<i>Watertown, N. Y.</i>	Χ Φ Annex
Merz, Howard Bailly	<i>New York, N. Y.</i>	Δ Τ Δ House
Mitchell, Theodore Milo	<i>Greenwich, Conn.</i>	Φ Γ Δ House
Munn, John Pier, Jr.	<i>Chatham, N. J.</i>	Φ Κ Ψ House
Murphy, Henry Waldo	<i>New York, N. Y.</i>	13 Spring Street

Myers, Frank Charles Arter	<i>Cleveland, Ohio</i>	
	110 Morris Pratt Memorial Dormitory	
Neal, Robert Miller	<i>Amherst, Mass.</i>	8 Woodside Avenue
Neale, Russell Frederick	<i>White Plains, N. Y.</i>	2 Tyler Place
Newell, Horatio Whitman	<i>Cleveland, Ohio</i>	X Φ House
Nichols, Stewart Burton	<i>Elkhart, Ind.</i>	Δ T House
Oatley, Ralph Herrick	<i>Springfield, Mass.</i>	Φ K Ψ House
Osgood, Robert Ward, Jr.	<i>Salem, Mass.</i>	Φ Δ Θ House
Outlaw, Cornelius Harrington	<i>Los Angeles, Cal.</i>	
	203 Morris Pratt Memorial Dormitory	
Phelps, Marshall Lee	<i>Port Henry, N. Y.</i>	3 Northampton Road
Phinney, Allison Waldo	<i>Portsmouth, N. H.</i>	A Δ Φ House
Plumer, Leonidas Nice	<i>Newton Center, Mass.</i>	A Δ Φ Annex
Powell, William Ackland, Jr.	<i>Brookline, Mass.</i>	Ψ T House
Powers, Haven Merrill	<i>Brookline, Mass.</i>	Δ T Δ House
Putnam, Charles Edward	<i>Montpelier, Vt.</i>	Φ Δ Θ House
Rankin, Calvin Hagan	<i>Conneaut, Ohio</i>	B Θ Π House
Rauschenbusch, Karl S.	<i>Rochester, N. Y.</i>	A Δ Φ Annex
Reed, Joseph Shepard, Jr.	<i>Massillon, Ohio</i>	
	206 Morris Pratt Memorial Dormitory	
Reid, William Alexander	<i>Mt. Vernon, N. Y.</i>	Θ Δ X House
Richards, Edward Ames	<i>Washington, D. C.</i>	Θ Δ X House
Savoy, Harolde James	<i>Holyoke, Mass.</i>	Φ K Ψ House
Sayles, Thomas Dyke	<i>Norwich, Conn.</i>	Ψ T House
Schell, Arthur Benjamin	<i>Brooklyn, N. Y.</i>	B Θ Π House
Schwan, Alfred Paul	<i>Chicago, Ill.</i>	X Φ House
Scott, George Cross	<i>Waban, Mass.</i>	A Δ Φ Annex
Seyler, John Leslie	<i>Springfield, Mass.</i>	X Φ Annex
Seymour, Henry William	<i>Suffield, Conn.</i>	Φ Γ Δ House
Seymour, Leonard North	<i>Elgin, Nebr.</i>	X Φ Annex
Shaughnessy, Richard	<i>Hartford, Conn.</i>	Φ Δ Θ House
Shaw, James Edwin	<i>New York, N. Y.</i>	Θ Δ X House
Shipman, Sherman Drake	<i>Douglaston, N. Y.</i>	Δ T House
Soule, Lawrence Litchfield	<i>Hartford, Conn.</i>	Ψ T House
Spafford, Justin Noel	<i>Brooklyn, N. Y.</i>	Φ K Ψ House
Statler, Frederick Curtenius	<i>Kalamazoo, Mich.</i>	A Δ Φ House
Stauff, Robert Berkey	<i>Uniontown, Pa.</i>	12 Woodside Avenue
Stearns, William Foster, Jr.	<i>Norfolk, Conn.</i>	3 Northampton Road
Straight, David Arthur	<i>Montclair, N. J.</i>	Θ Δ X House
Sylvester, Arthur James	<i>Springdale, Conn.</i>	Physics Laboratory

Tiel, George Badeau	<i>Beacon, N. Y.</i>	
	312 Morris Pratt Memorial Dormitory	
Treat, Amos Sherman	<i>Bridgewater, Conn.</i>	Θ Δ X House
Tyler, Robert Benjamin	<i>Palmyra, N. Y.</i>	
	15 South Prospect Street	
Vail, Charles Conrady	<i>Brooklyn, N. Y.</i>	Φ Γ Δ House
Voelcker, Emil Bernard	<i>New York, N. Y.</i>	X Φ Annex
Vogelius, Edmund Laurence	<i>Bloomfield, N. J.</i>	Δ T House
Warner, Kenneth Luzerne	<i>Chicopee Falls, Mass.</i>	Δ T Δ House
Weaver, Albert Burnley	<i>Louisville, Ky.</i>	Φ Δ Θ House
Webster, Stephen	<i>Waltham, Mass.</i>	15 Spring Street
Weinberg, Charles	<i>Holyoke, Mass.</i>	C South College
Whitaker, Richard Elbridge	<i>Wrentham, Mass.</i>	Δ T Δ House
Wieters, Bruce Cortelyou	<i>East Orange, N. J.</i>	23 North College
Williams, Robert Yoe	<i>Highland Park, Ill.</i>	A Δ Φ Annex
Wilson, Nathaniel Webb	<i>Portland, Me.</i>	
	310 Morris Pratt Memorial Dormitory	
Winch, Horace Carlton	<i>Buffalo, N. Y.</i>	B Θ Π House
Wing, Franklin	<i>Dorchester, Mass.</i>	X Φ Annex
Wing, Thorndyke Deland	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Woodard, Henry Stott	<i>Washington, D. C.</i>	23 North College
Yager, Newton Thomas, Jr.	<i>Louisville, Ky.</i>	Ψ T House

FRESHMAN CLASS

Adams, Marion Keith	<i>Omaha, Nebr.</i>	10 South College
Angleman, Sydney Winfield	<i>Plainfield, N. J.</i>	9 North College
Barry, Paul LeRoy	<i>Southbury, Conn.</i>	8 South College
Bertrand, Daniel Joseph	<i>Barre, Vt.</i>	
	402 Morris Pratt Memorial Dormitory	
Blount, Cranford Gregory	<i>Brooklyn, N. Y.</i>	2 South College
Bolton-Smith, Carlile	<i>Memphis, Tenn.</i>	22 North College
Booth, John Edward	<i>Brooklyn, N. Y.</i>	14 South College
Boulton, Reginald French	<i>Beaver, Pa.</i>	6 South College
Brayer, George Wackerman	<i>Rochester, N. Y.</i>	14 South College
Brown, Robert Pitfield, II	<i>Moorestown, N. J.</i>	13 South College
Burgess, Albert Edward	<i>Cambridge, Mass.</i>	
	401 Morris Pratt Memorial Dormitory	
Burgess, Carleton L.	<i>Ripon, Wis.</i>	10 South College
Bush, Laurence Austin	<i>East Orange, N. J.</i>	
	304 Morris Pratt Memorial Dormitory	
Calloway, George Nolen	<i>Washington, D. C.</i>	5 South College
Carstens, Cedric Stephens	<i>Brookline, Mass.</i>	
	404 Morris Pratt Memorial Dormitory	
Chace, James Edward	<i>Ocala, Fla.</i>	
	405 Morris Pratt Memorial Dormitory	
Chisholm, Alexander Field	<i>Proctor, Vt.</i>	19 Main Street
Clapp, Ralph Sheldon	<i>South Deerfield, Mass.</i>	27 South College
Clapp, William Thomas	<i>Williamsport, Pa.</i>	5 North College
Clark, Alan Robbins	<i>Northampton, Mass.</i>	1 North College
Clark, Robert Henry	<i>New York, N. Y.</i>	31 North College
Colby, Lyndon Lionel	<i>Canaan, N. H.</i>	21 Main Street
Coldren, George Tracy	<i>Chicago, Ill.</i>	13 South College
Conrad, Philip William	<i>Keene, N. H.</i>	15 North College
deCordova, Noel	<i>Poughkeepsie, N. Y.</i>	1 South College
Coudray, Wyman Frederic	<i>Wethersfield, Conn.</i>	11 North College
Cowan, Richard Brelsford	<i>Uniontown, Pa.</i>	
	108 Morris Pratt Memorial Dormitory	
Daniels, Ernest Atkinson	<i>Brooklyn, N. Y.</i>	Gymnasium
Daniels, Kurt Lewis	<i>Hartford, Conn.</i>	
	302 Morris Pratt Memorial Dormitory	
Darlington, Horace	<i>Maplewood, N. J.</i>	10 South College
Davis, William Leonard	<i>Philadelphia, Pa.</i>	
	404 Morris Pratt Memorial Dormitory	

Deisroth, Frederic William	<i>Hazleton, Pa.</i>	
	201 Morris Pratt Memorial Dormitory	
Denman, William Miller	<i>Mt. Vernon, N. Y.</i>	
	306 Morris Pratt Memorial Dormitory	
Donodeo, Bruno	<i>Long Island City, N. Y.</i>	D North College
Ducharme, George Edward	<i>Holyoke, Mass.</i>	26 North College
Eastwood, Daniel Wilbur	<i>Northampton, Mass.</i>	
	305 Morris Pratt Memorial Dormitory	
Edmiston, James Righter	<i>Lincoln, Nebr.</i>	21 South College
Edmiston, Robert Hugh	<i>Lincoln, Nebr.</i>	21 South College
Ellis, Reginald Hawkins	<i>Jersey City, N. J.</i>	
	207 Morris Pratt Memorial Dormitory	
Epstein, Samuel Hyman	<i>Roxbury, Mass.</i>	71 South Pleasant Street
Fairley, Arthur Samuel	<i>Brooklyn, N. Y.</i>	5 Sunset Avenue
Fairley, Lincoln	<i>Jamaica Plain, Mass.</i>	8 North College
Fenner, Ward Wadsworth	<i>New York, N. Y.</i>	22 South College
Ferguson, Harry Stanley	<i>Asbury Park, N. J.</i>	
	304 Morris Pratt Memorial Dormitory	
Ferrini, Peter	<i>Brockton, Mass.</i>	1 North College
Finley, Raymond Bell	<i>Saratoga Springs, N. Y.</i>	
	401 Morris Pratt Memorial Dormitory	
Flint, Kendall Hathaway	<i>Taunton, Mass.</i>	
	301 Morris Pratt Memorial Dormitory	
Foskit, William Gillett	<i>Monson, Mass.</i>	13 North College
Freeman, Robert Burns	<i>Kenwood, N. Y.</i>	6 North College
French, William Gordon	<i>Seymour, Conn.</i>	
	309 Morris Pratt Memorial Dormitory	
Gadsby, Edward Northup	<i>North Adams, Mass.</i>	X & Annex
Garfield, Frank Richardson	<i>Chester, Conn.</i>	13 North College
George, Charles Andrew	<i>Walpole, Mass.</i>	9 South College
Gibson, James Leslie	<i>Rochester, N. Y.</i>	22 North College
Gibson, Walter Campbell, Jr.	<i>Utica, N. Y.</i>	6 North College
Giles, Hermann Harry	<i>Oberlin, Ohio</i>	29 North College
Gillett, Frederick Webster	<i>Hartford, Conn.</i>	
	303 Morris Pratt Memorial Dormitory	
Gilmore, Eugene Allen, Jr.	<i>Madison, Wis.</i>	
	305 Morris Pratt Memorial Dormitory	
Good, Glendon Richard	<i>Bridgeport, Conn.</i>	
	309 Morris Pratt Memorial Dormitory	
Gorman, Wilbur Arthur	<i>Cedar Rapids, Iowa</i>	26 South College
Grant, Thomas John	<i>New London, Conn.</i>	19 South College

Green, James Newell	<i>Hartford, Conn.</i>	
	209 Morris Pratt Memorial Dormitory	
Greene, William Ainsworth	<i>Middletown, Conn.</i>	8 North College
Griswold, Clayton Tracy	<i>Brooklyn, N. Y.</i>	9 South College
Gross, Howard Kaiser	<i>Akron, Ohio</i>	30 South College
Halloran, Thomas E.	<i>Brooklyn, N. Y.</i>	
	307 Morris Pratt Memorial Dormitory	
Hancock, Llewellyn Lester	<i>St. Anthony, Newfoundland</i>	
		16 North College
Hart, Benno, Jr.	<i>San Francisco, Cal.</i>	
	204 Morris Pratt Memorial Dormitory	
Heiman, Arthur Salo	<i>New York, N. Y.</i>	14 North College
Hodges, Charles Bowen, Jr.	<i>Pittsburgh, Pa.</i>	
	206 Morris Pratt Memorial Dormitory	
Houghton, Russell LeRoux	<i>Tarrytown, N. Y.</i>	12 South College
Hubbard, Cyrus Russell	<i>Sunderland, Mass.</i>	27 South College
Hunt, James Zalmon Stevens	<i>Lowville, N. Y.</i>	19 Hallock Street
Hunter, Clifford Hamilton	<i>Coeur d'Alene, Ida.</i>	
	105 Morris Pratt Memorial Dormitory	
Jillson, John Dalzell	<i>Utica, N. Y.</i>	
	406 Morris Pratt Memorial Dormitory	
Johnson, Robert Groat	<i>Hudson, N. Y.</i>	
	205 Morris Pratt Memorial Dormitory	
Jones, Hammond Watkins	<i>New York, N. Y.</i>	31 North College
Kellogg, Raymond Nelson, Jr.	<i>New York, N. Y.</i>	30 North College
Kemp, David Wyckoff	<i>Elmhurst, N. Y.</i>	12 North College
Kilby, Henry Pardee	<i>Nyack, N. Y.</i>	17 North College
Kresge, Paul Charles	<i>Lehigh, Pa.</i>	16 North College
Lacey, Arthur Groves	<i>Poughkeepsie, N. Y.</i>	4 South College
Lee, Charles Dudley	<i>Washington, D. C.</i>	28 North College
Leete, Joel Lawrence	<i>Newtonville, Mass.</i>	23 South College
Lewis, Charles William	<i>Washington, D. C.</i>	5 South College
Lowe, Allan Bennett	<i>Baltimore, Md.</i>	
	411 Morris Pratt Memorial Dormitory	
Lowe, John Lambie Blake	<i>Baltimore, Md.</i>	
	411 Morris Pratt Memorial Dormitory	
McComb, Edmund Kearsley	<i>Indianapolis, Ind.</i>	18 South College
McConnell, David Hall, Jr.	<i>Suffern, N. Y.</i>	
	205 Morris Pratt Memorial Dormitory	
McKay, Eppert Rudolf	<i>Brockton, Mass.</i>	16 South College

McLeod, George Edward Owen	<i>Masontown, Pa.</i>	
	212 Morris Pratt Memorial Dormitory	
Mathews, Arthur Gillespie	<i>White Plains, N. Y.</i>	32 North College
Mayo, John Caldwell Calhoun	<i>Ashland, Ky.</i>	
	406 Morris Pratt Memorial Dormitory	
Miller, Charles R.	<i>Amherst, Mass.</i>	17 Woodside Avenue
Morris, Harold	<i>Brockton, Mass.</i>	8 Woodside Avenue
Moyer, Donald Edgar	<i>Willow Grove, Pa.</i>	
	408 Morris Pratt Memorial Dormitory	
Murphy, James William	<i>Brooklyn, N. Y.</i>	29 South College
Myers, Jacob Ross, Jr.	<i>Baltimore, Md.</i>	21 North College
Newkirk, George Strout	<i>Jersey City, N. J.</i>	
	205 Morris Pratt Memorial Dormitory	
Niver, Harold	<i>Poughkeepsie, N. Y.</i>	
	101 Morris Pratt Memorial Dormitory	
Northrop, William Watson	<i>New York, N. Y.</i>	
	105 Morris Pratt Memorial Dormitory	
O'Connor, Charles	<i>Holyoke, Mass.</i>	
	307 Morris Pratt Memorial Dormitory	
Page, Laurence Stanley, Jr.	<i>Chatham, N. J.</i>	Φ K Ψ House
Pendleton, Leonard Thurston	<i>New London, Conn.</i>	13 South College
Plimpton, George Winslow	<i>Norwood, Mass.</i>	
	407 Morris Pratt Memorial Dormitory	
Reid, Clifford Grimley	<i>Hartford, Conn.</i>	
	407 Morris Pratt Memorial Dormitory	
Reid, Arthur William	<i>Brooklyn, N. Y.</i>	2 South College
Rianhard, James Lincoln	<i>Dongan Hills, N. Y.</i>	6 North College
Rimer, Barr Collner	<i>Clarion, Pa.</i>	
	206 Morris Pratt Memorial Dormitory	
Robertson, Edward Addis	<i>Flushing, N. Y.</i>	Θ Δ X House
Root, Winthrop Hegeman	<i>Somerville, Mass.</i>	8 North College
Rosenberg, William Bernard	<i>Rochester, N. Y.</i>	
	102 Morris Pratt Memorial Dormitory	
Rosenstein, Ira Leland	<i>Brooklyn, N. Y.</i>	30 North College
Roth, Robert	<i>New York, N. Y.</i>	16 South College
Sargent, Frank Charles	<i>Winchester, Mass.</i>	
	212 Morris Pratt Memorial Dormitory	
Satenstein, Edward	<i>New York, N. Y.</i>	
	104 Morris Pratt Memorial Dormitory	
Sauer, Frank Philip	<i>New York, N. Y.</i>	32 North College
Schuler, John Henry	<i>Foxboro, Mass.</i>	7 South College

Shedlesky, Lewis	<i>Brockton, Mass.</i>	8 Woodside Avenue
Siviter, Chalmers Thomas	<i>Pittsburgh, Pa.</i>	14 South College
Smith, Frederick Burton	<i>Evanston, Ill.</i>	
	301 Morris Pratt Memorial Dormitory	
Smith, William Galbraith	<i>Warren, Pa.</i>	
	408 Morris Pratt Memorial Dormitory	
Spear, John Ashcroft	<i>Amherst, Mass.</i>	8 Dickinson Street
Stewart, Forrest William	<i>Cedar Rapids, Iowa</i>	26 South College
Stimson, Cyrus Flint, Jr.	<i>Northampton, Mass.</i>	
Stolz, Richard Fallis	<i>Dayton, Ohio</i>	
	108 Morris Pratt Memorial Dormitory	
Stone, John Sydney	<i>Montclair, N. J.</i>	
	401 Morris Pratt Memorial Dormitory	
Swentor, George William	<i>Seymour, Conn.</i>	8 South College
Swift, Herbert Roland	<i>New Britain, Conn.</i>	
	201 Morris Pratt Memorial Dormitory	
Tilley, Winthrop	<i>Providence, R. I.</i>	12 North College
Tunney, Jerome Vincent	<i>New York, N. Y.</i>	21 North College
Wadleigh, William Lincoln, Jr.	<i>New London, Conn.</i>	
	111 Morris Pratt Memorial Dormitory	
Walker, Howard Chester	<i>Akron, Ohio</i>	30 South College
Walker, Richard Howlett	<i>Greenwich, Conn.</i>	4 South College
Ward, Victor Laurence	<i>Millers Falls, Mass.</i>	Δ T Δ House
Warnock, Dorrance Hurlbut	<i>Pottstown, Pa.</i>	31 South College
Watt, Paul William	<i>Holyoke, Mass.</i>	25 South College
Wells, Frank Howland	<i>Barre, Vt.</i>	
	402 Morris Pratt Memorial Dormitory	
West, Bradford Williams	<i>Jamesville, N. Y.</i>	
	306 Morris Pratt Memorial Dormitory	
Whitford, Harold C.	<i>Plainfield, N. J.</i>	9 North College
Whitla, William Forker	<i>Sharon, Pa.</i>	5 North College
Whitley, Maurice Graham	<i>Louisville, Ky.</i>	6 North College
Wilcox, Charles Saxton	<i>Rochester, N. Y.</i>	
	202 Morris Pratt Memorial Dormitory	
Williams, James Baker	<i>Glastonbury, Conn.</i>	25 South College
Williams, Ralph Sidney	<i>Douglas, Ariz.</i>	
	211 Morris Pratt Memorial Dormitory	
Wood, Stacy Budd Campion	<i>Fairfield, Conn.</i>	15 South College

STUDENTS ENROLLED PROVISIONALLY AS CANDIDATES
FOR THE DEGREE BACHELOR OF ARTS

A student is provisionally enrolled if, having entered either as a special student or with advanced standing from another institution, he is pursuing a course which will lead to a degree.

Allen, John Rex	<i>Evanston, Ill</i>	Δ T House
Campbell, William Fillmore	<i>New Wilmington, Pa.</i>	6 South College
Cochrane, Cornelius R. P.	<i>Rochester, N. Y.</i>	A Δ Φ House
Draper, Allan Beebe	<i>Rochester, N. Y.</i>	Θ Δ X House
Elliott, Thompson Baker	<i>Walla Walla, Wash.</i>	B Θ Π House
Jamgochian, Samuel H.	<i>Marash, Armenia</i>	12 College Street
Keady, Howard Patrick	<i>Brooklyn, N. Y.</i>	Δ T House
McCracken, Andrew Vance	<i>Sewickley, Pa.</i>	Δ K E House
Redner, Boyd Hamilton	<i>Battle Creek, Mich.</i>	B Θ Π House
Scott, John Young	<i>Indiana, Pa.</i>	13 Spring Street
Worcester, John Newton	<i>Cambridge, Mass.</i>	X Φ House

STUDENTS NOT ENROLLED AS CANDIDATES FOR
A DEGREE

Arnold, Cyril Durrell	<i>Upper Montclair, N. J.</i>	Ψ T House
Baker, Leslie Stuart	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Dzushi, Hisatake	<i>Tokyo, Japan</i>	
	311 Morris Pratt Memorial Dormitory	
Kawashima, Ryoichi	<i>Tokyo, Japan</i>	11 South College
May, Fred Stacy	<i>Melrose Park, Pa.</i>	Φ Δ Θ House

SUMMARY OF ENROLLMENT

The total for each class includes the students who are provisionally enrolled with that class.

GRADUATE STUDENTS.....	2
FELLOWS.....	3
SENIORS.....	103
JUNIORS.....	106
SOPHOMORES.....	138
FRESHMEN.....	146
STUDENTS PROVISIONALLY ENROLLED.....	11
STUDENTS NOT CANDIDATES FOR A DEGREE.....	5
	<hr/>
Total.....	514
Deduct for names counted twice.....	11
	<hr/>
Net Total.....	503

CLASSIFICATION BY RESIDENCE

New York.....	145	Iowa.....	3
Massachusetts.....	135	Maryland.....	3
Pennsylvania.....	40	Washington.....	3
Connecticut.....	36	Arkansas.....	1
New Jersey.....	27	Delaware.....	1
Ohio.....	17	Florida.....	1
Illinois.....	13	Idaho.....	1
District of Columbia..	7	Louisiana.....	1
Michigan.....	7	Missouri.....	1
New Hampshire.....	7	New Mexico.....	1
Rhode Island.....	7	North Carolina.....	1
Vermont.....	7	Tennessee.....	1
Nebraska.....	6	Virginia.....	1
Kentucky.....	5	Armenia.....	1
Maine.....	5	Japan.....	2
California.....	4	Newfoundland.....	1
Wisconsin.....	4	Poland.....	1
Colorado.....	3	Syria.....	1
Indiana.....	3		
		Total.....	503

DEGREES CONFERRED JUNE 18, 1919
BACHELOR OF ARTS

Magna cum Laude

Brown, Arthur Frank
Forbes, Allyn Bailey
Michener, William Henry

Mutschler, Ernest
Porter, Charles Scott

Cum Laude

Bailey, Franklin Fifield
Bayer, Walter VanDyk
Bretey, Pierre Rizzi
Brown, John Knox Archibald
Gerarden, Karl Eugene
Kiley, Marcus Philip
Manwell, Reginald Dickinson
Marks, Warren Leonard

Moore, Leonard Page
Pitré, Thomas Palm
Seward, Halvor Richardson
Sheldon, Roy Van Auken
Smith, Elmer Gillam
Stacy, Philip Huntley
Vogelius, Joseph Francis, Jr.
Wessel, Herman Marluk

Rite

Aiello, Gaetano Rudolph
Belknap, Walter Kerr
Bowman, Morris Lester
Brown, Herman Duane, Jr.
Brunt, William Lester
Caulkins, Robert Sharp
Colton, Raymond Morse
Darling, Thurston Vail
Davis, Robert Johnston
Edee, Allen Barnett, Jr.
Gibson, John Graham, 2d

Gillies, William Raymond
Goodwin, Clarence Babcock
Hendrickson, Edmond Hurd
Kimball, Parker Barton
Macfarlane, Noble Thomson
Nichols, George Leland
Reed, Charles Carlton
Shepro, Harry
Vermilya, Howard Park
Wittlig, Emil Dyar

As of the Class of 1918

Garrett, John Bertram
Gillies, John Sinclair

Van Dyck, Rawdon Myers

Honoris Causa

Baer, Bernard Louis	McGregor, Alexander
Bell, Frederic Drake	Miller, Lloyd Wilcox
Boynton, Oliver Griswold	Moore, Robert Francis
Burnett, William Albert, Jr.	Morse, Bradbury Bedell
Clark, Lloyd Montgomery	Neiley, Richard Bowdoin
Cummings, William Barton	Norton, Algernon Sidney, Jr.
Donahue, Laurence Leahy	Patton, Carl Harrison
Ellinwood, Ralph Everett	Quill, John Henry
Hinman, George	Seamans, Chester Gladding
Johnston, Robert Morrison	Soliday, David Shriver
Keezer, Dexter Merriam	Southworth, Theodore
LeBrun, Pierre Napoleon	Tilton, Thomas Appleton

HONORARY DEGREES

Master of Arts

Clarence Hawkes	Carl Edwin Lamson
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Doctor of Divinity

Robert Charles Denison	Lewis Thurston Reed
------------------------	---------------------

Doctor of Laws

Howard Sheetser Bliss	Calvin Coolidge
Solomon Bulkley Griffin	Peyton Conway March

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(Annual Meeting in Commencement Week)

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 EDWARD T. ESTY, Esq., '97
 ERNEST M. WHITCOMB, '04

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Athletics	Publicity
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There are electric street railways from Amherst to Northampton, Holyoke, and Springfield.

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Visitors are always welcome at Amherst College. During the months of July and August the college employs a student guide who may be found at the Christian Association Rooms from eight-thirty A. M. to five-thirty P. M. The services of the guide are without fee.

During the remainder of the year a guide will be furnished without charge upon application at the Bureau of Information, Number 3, Walker Hall.

INFORMATION

All requests for information should be addressed to the Secretary of the Faculty, Amherst College, Amherst, Mass.

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